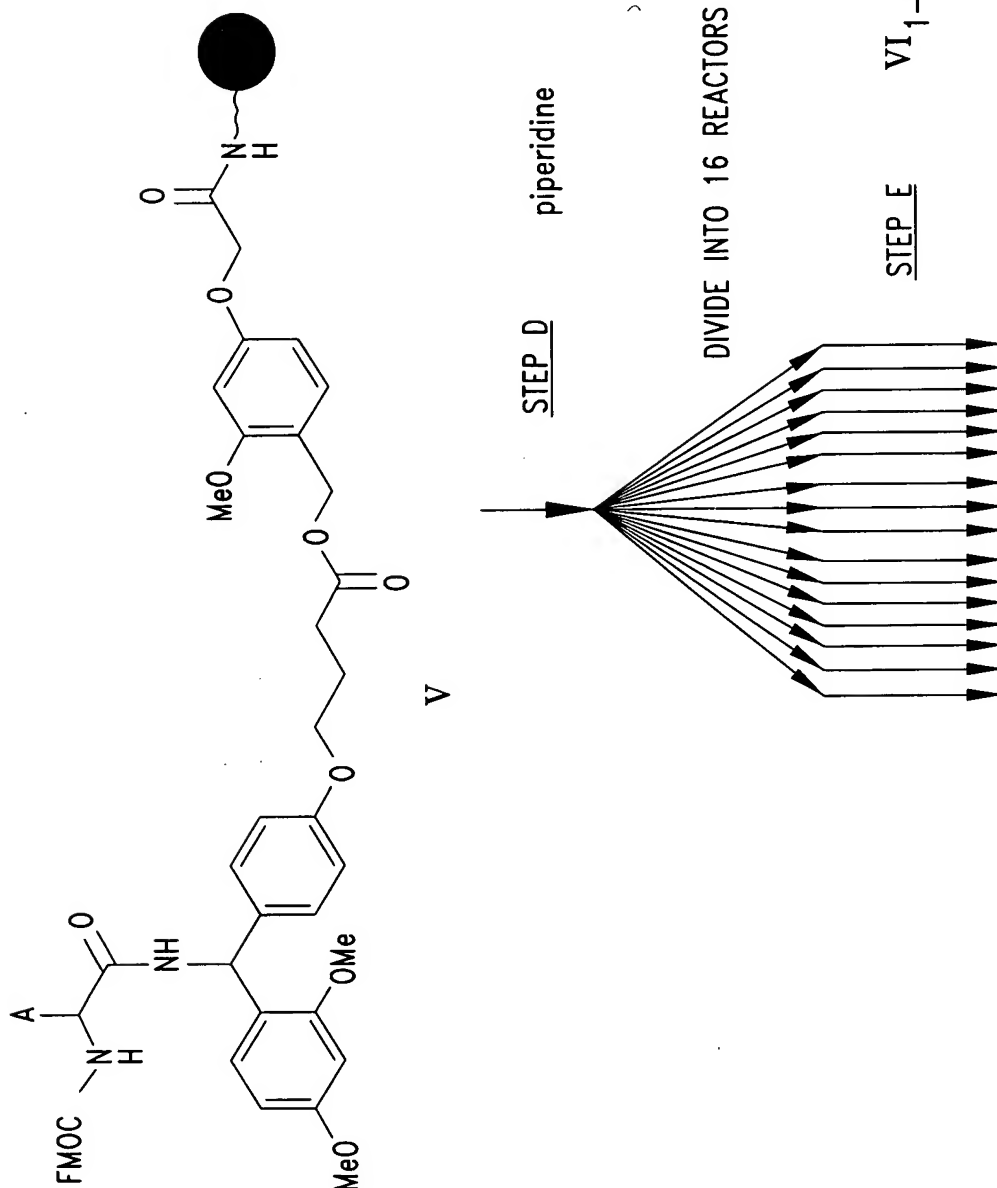


Fig. 1A



**Fig. 1B**

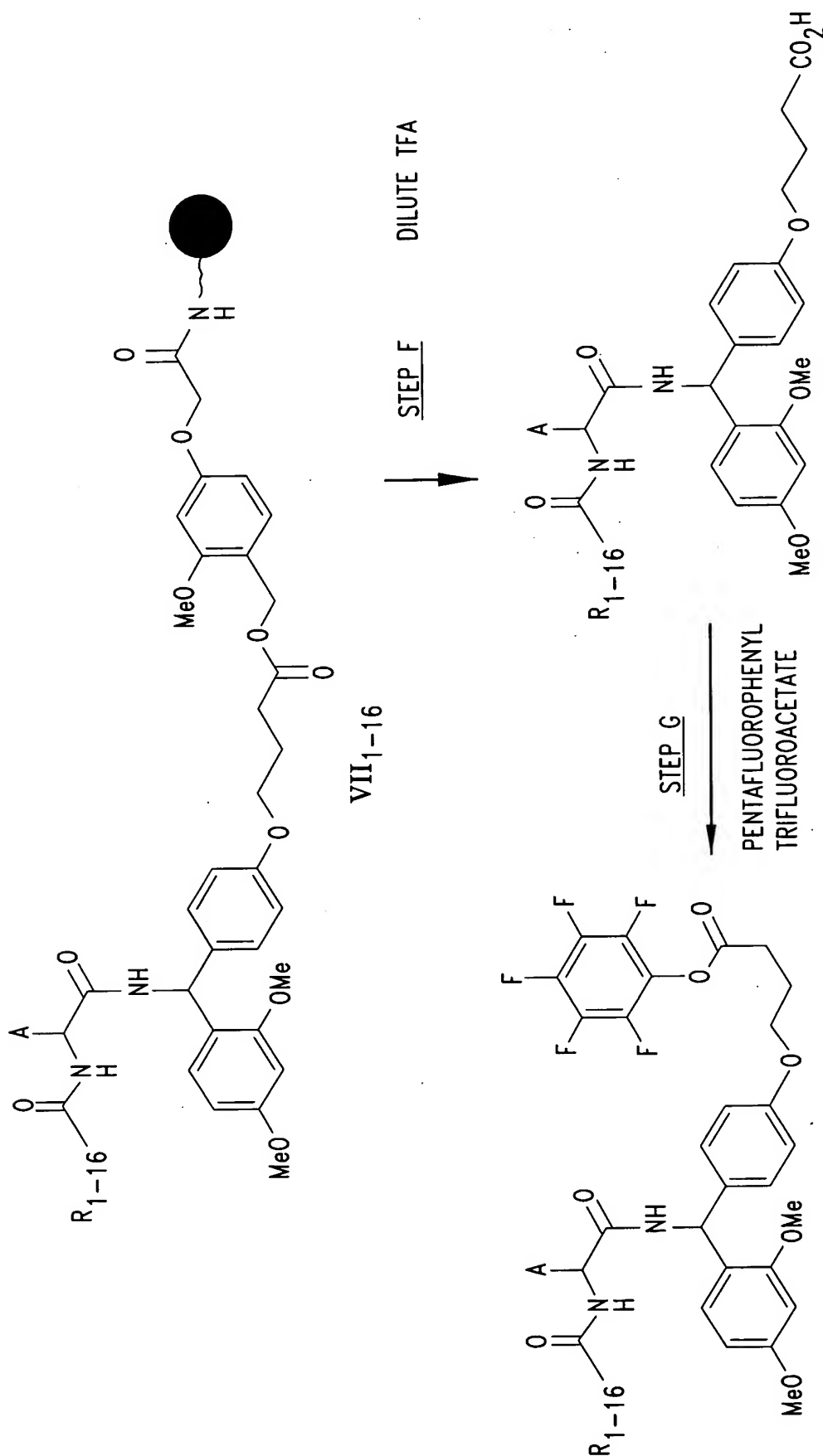
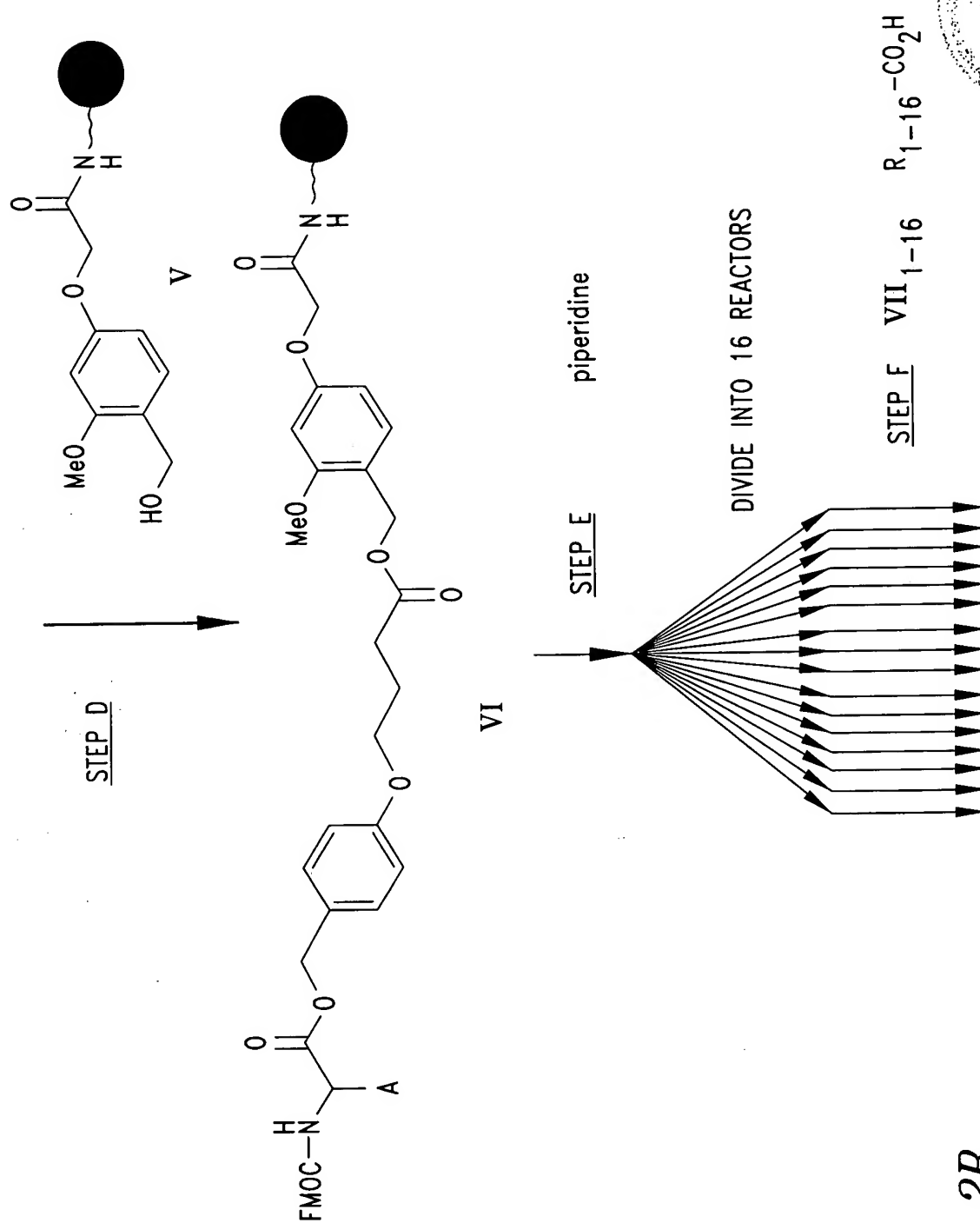


Fig. 1C





**Fig. 2B**



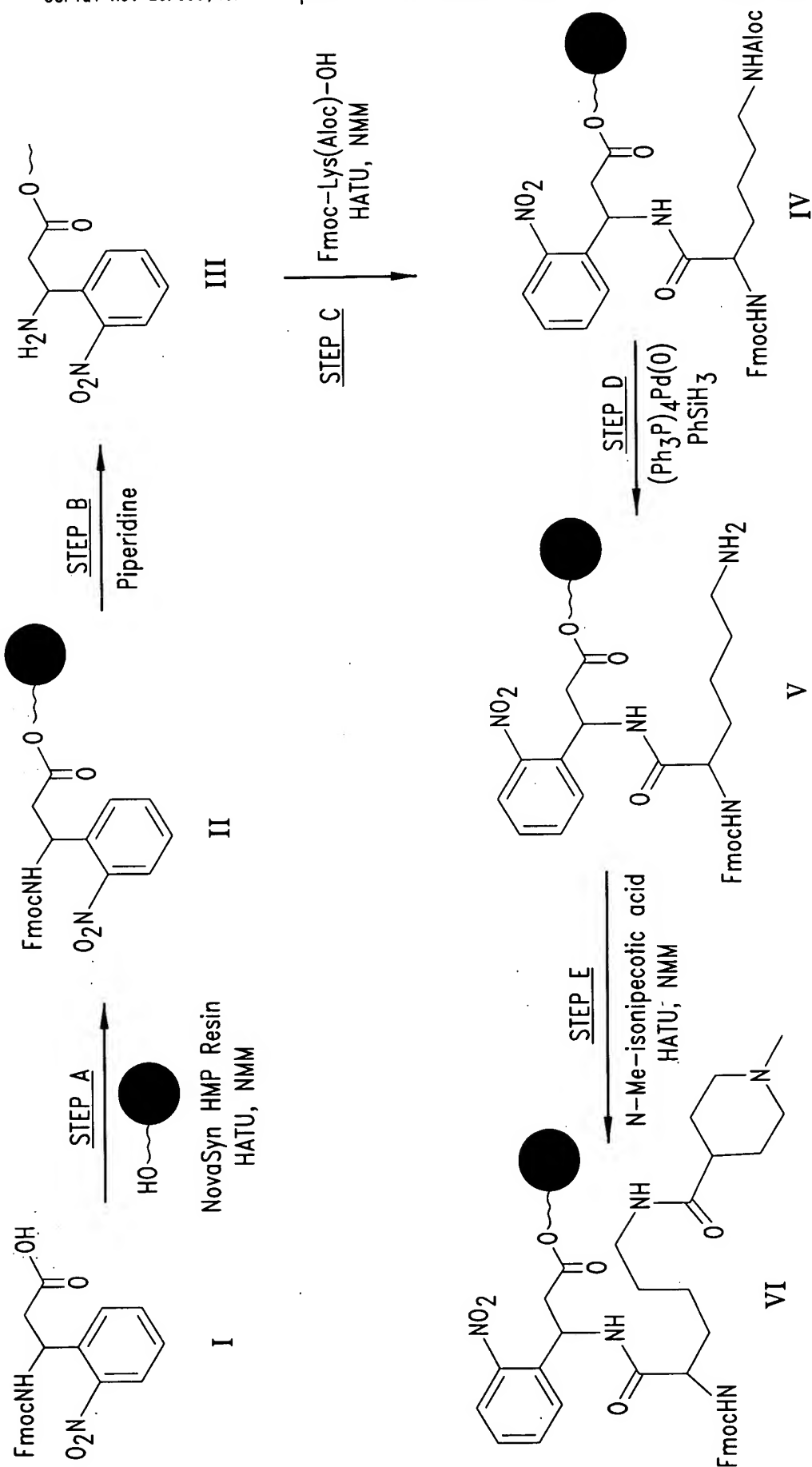


Fig. 3A

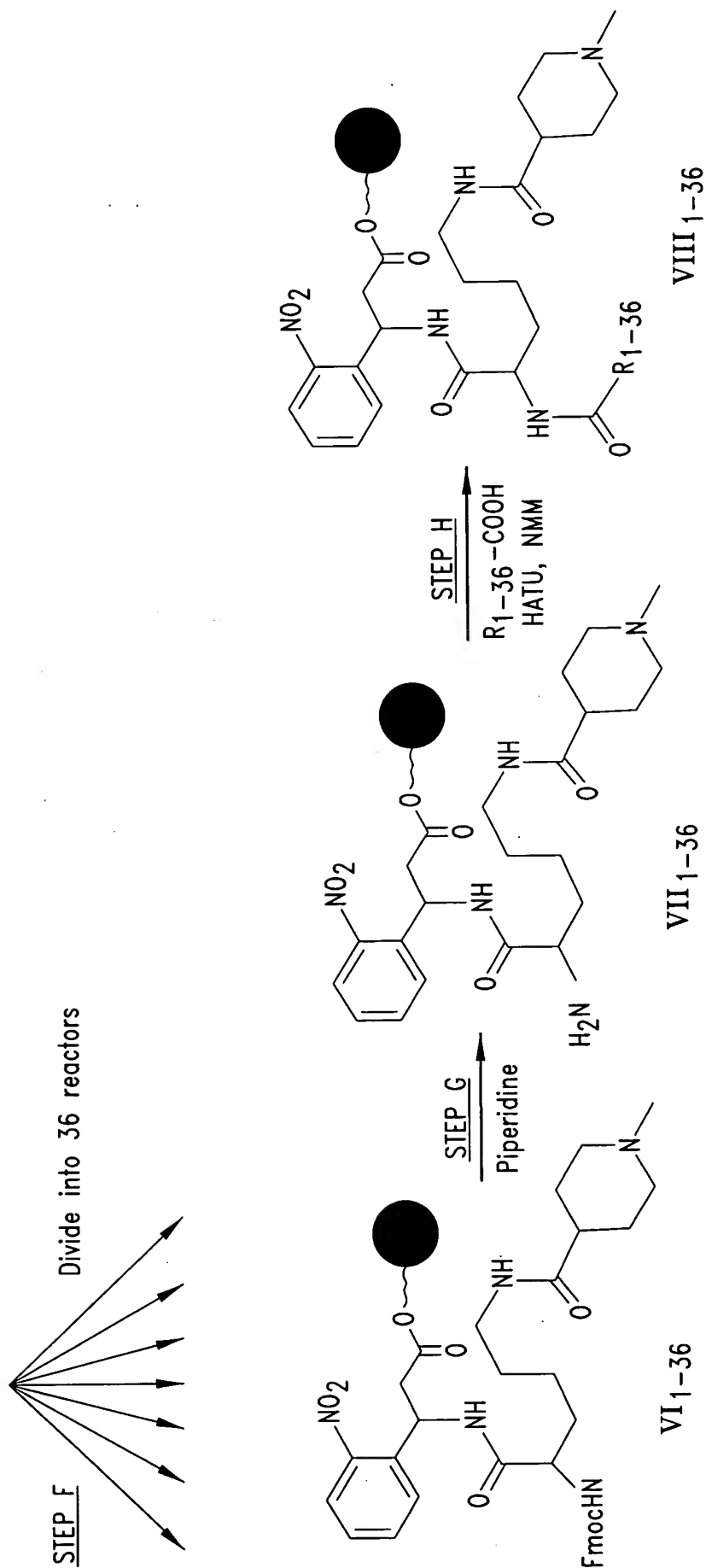


Fig. 3B



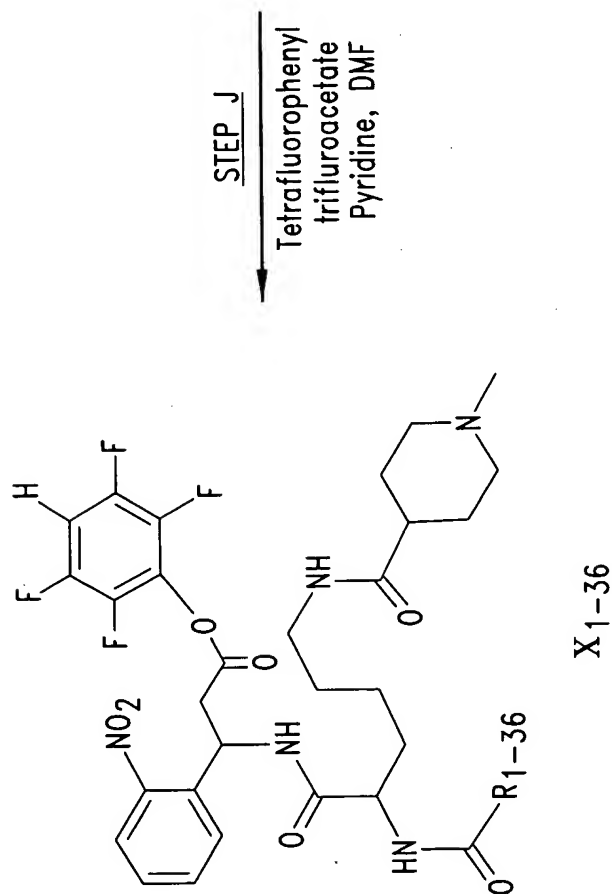
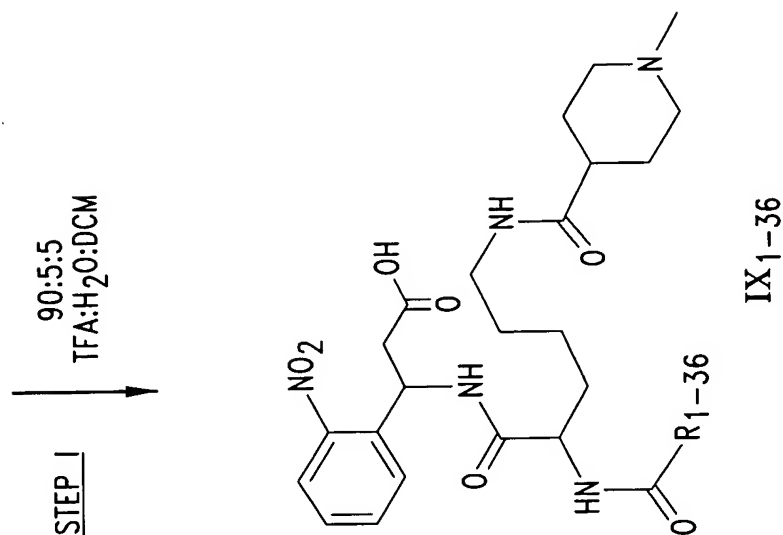
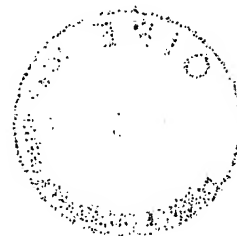


Fig. 3C

Title: METHODS AND COMPOSITIONS FOR ENHANCING SENSITIVITY IN THE ANALYSIS OF BIOLOGICAL-BASED ASSAYS

Inventor(s): Jeffrey Van Ness et al.

Serial No. 10/000,467 Express Mail No. EV020613648US Docket No. 780068.418C3

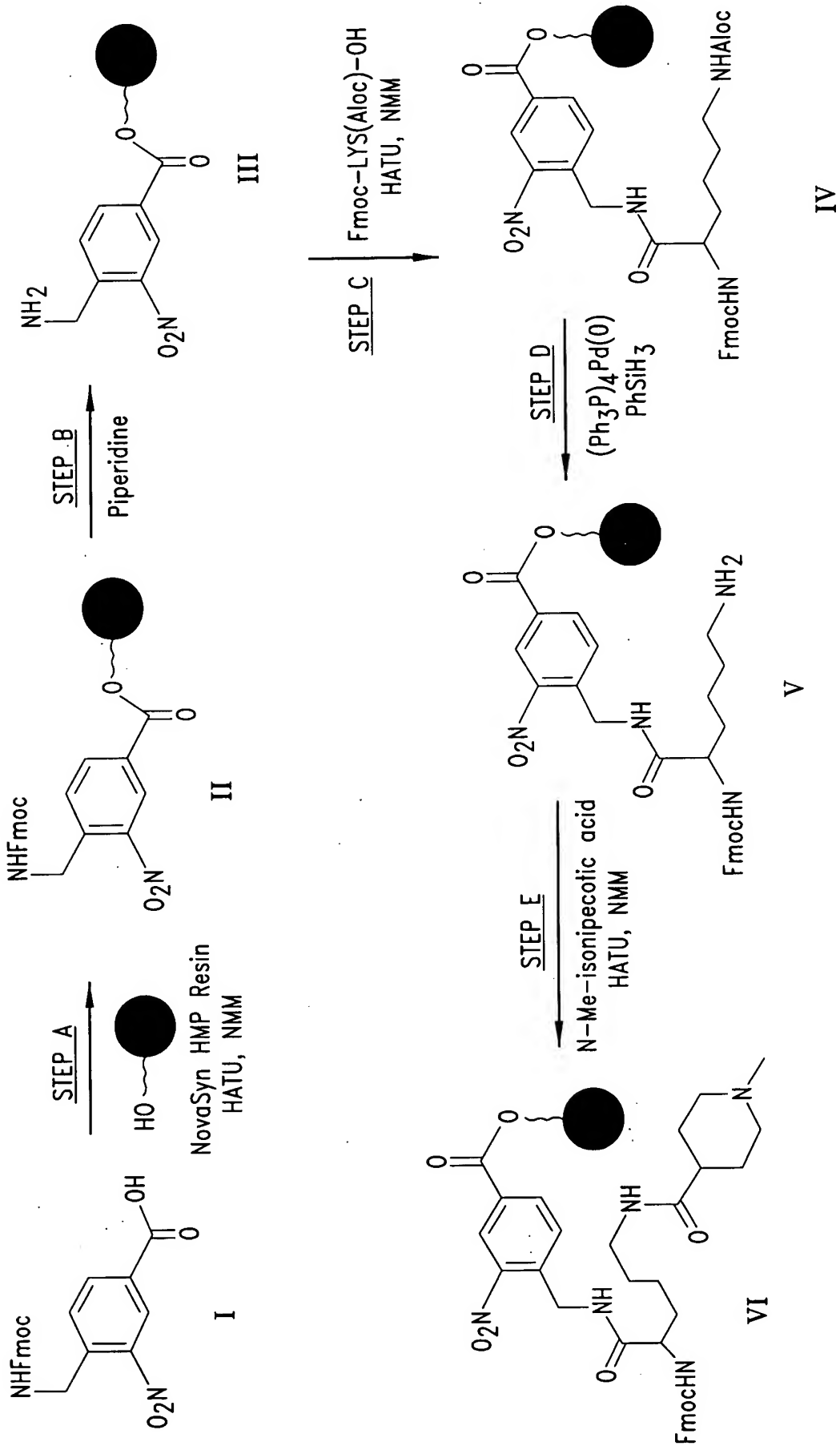
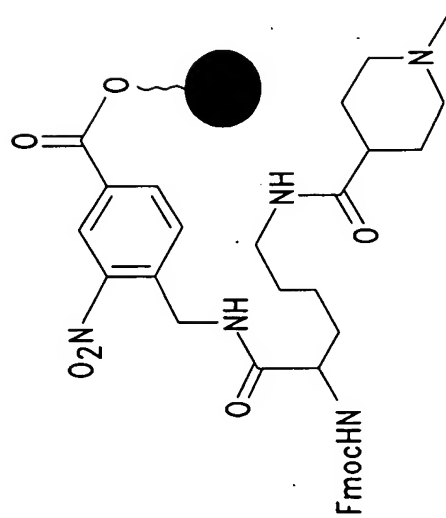
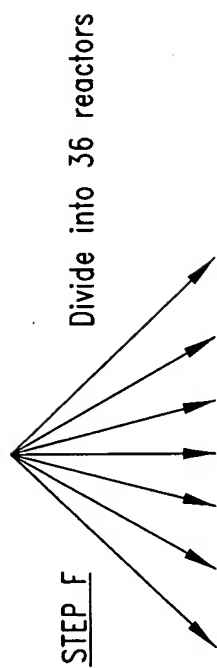
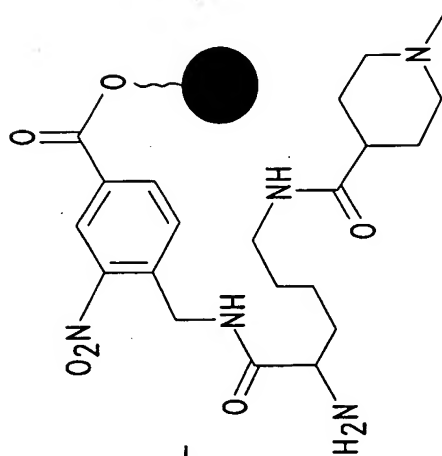


Fig. 4A



STEP G

Piperidine



STEP H

R1-36-COOH

HATU, NMM

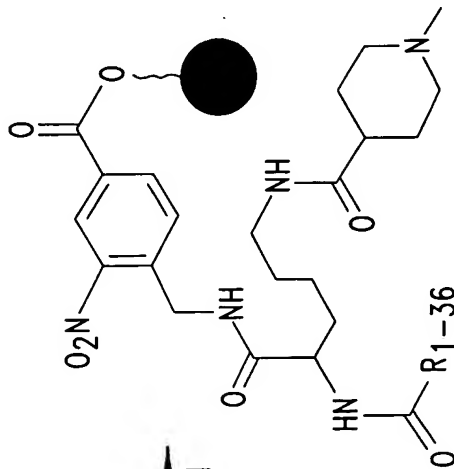


Fig. 4B

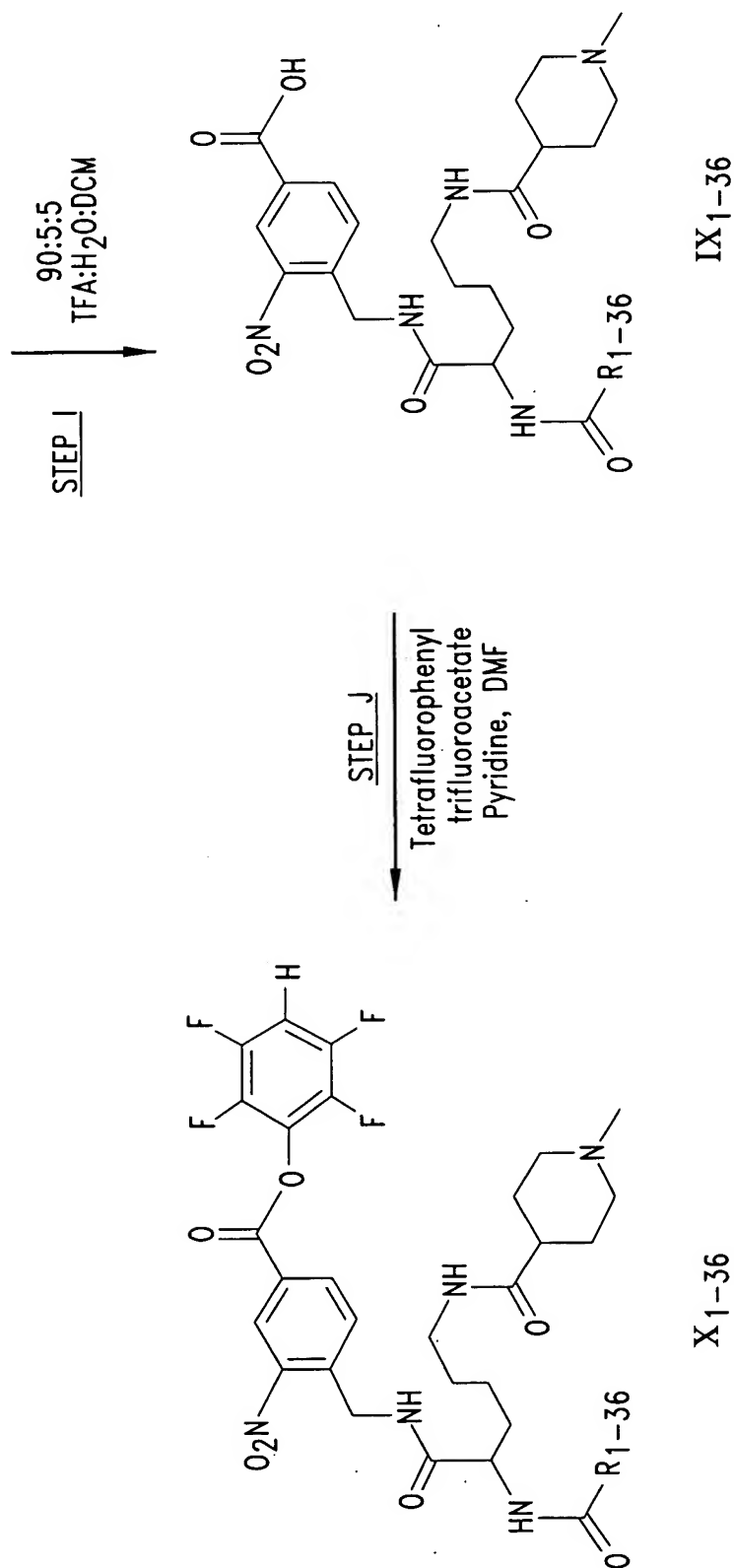


Fig. 4C

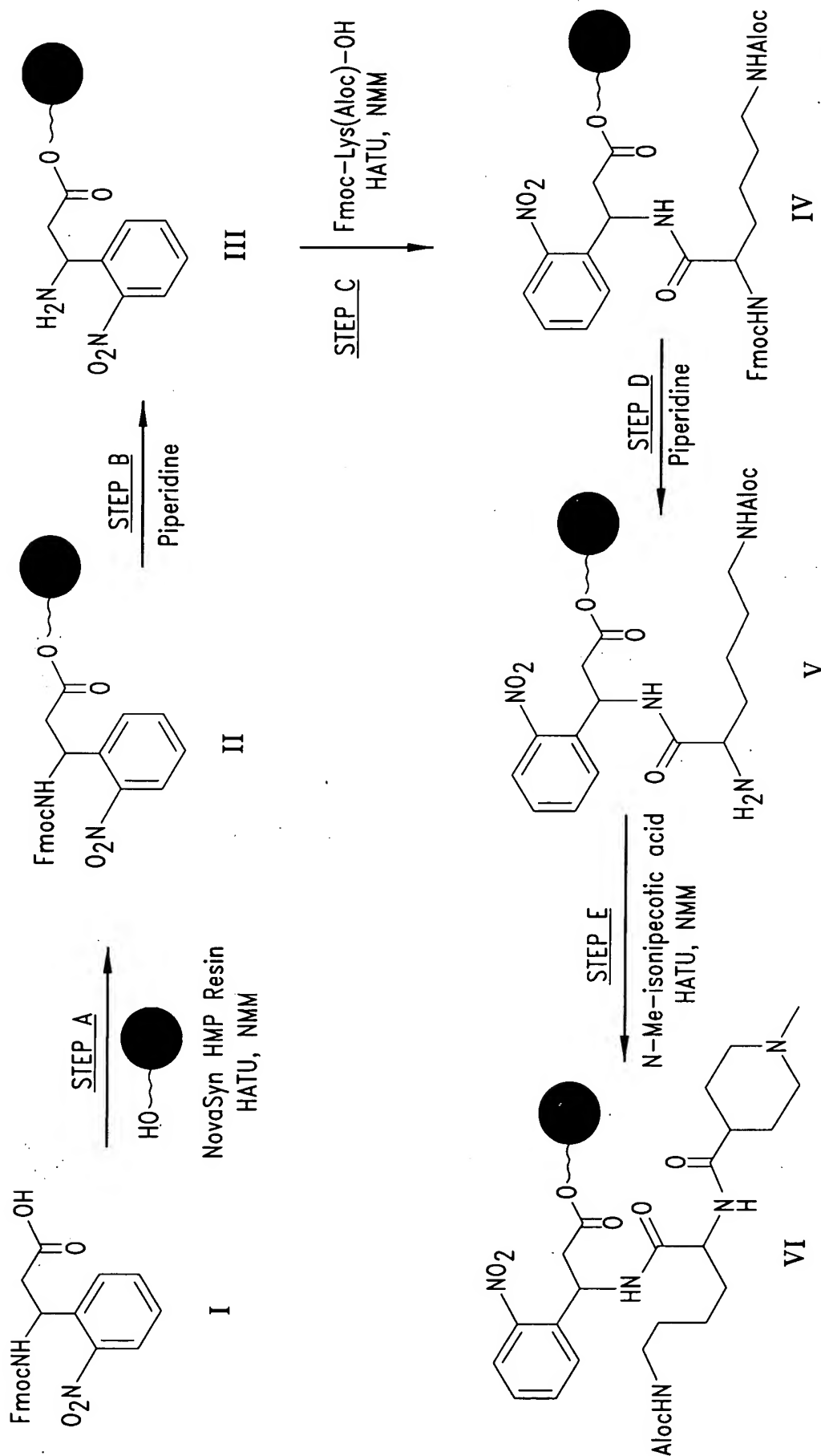


Fig. 5A

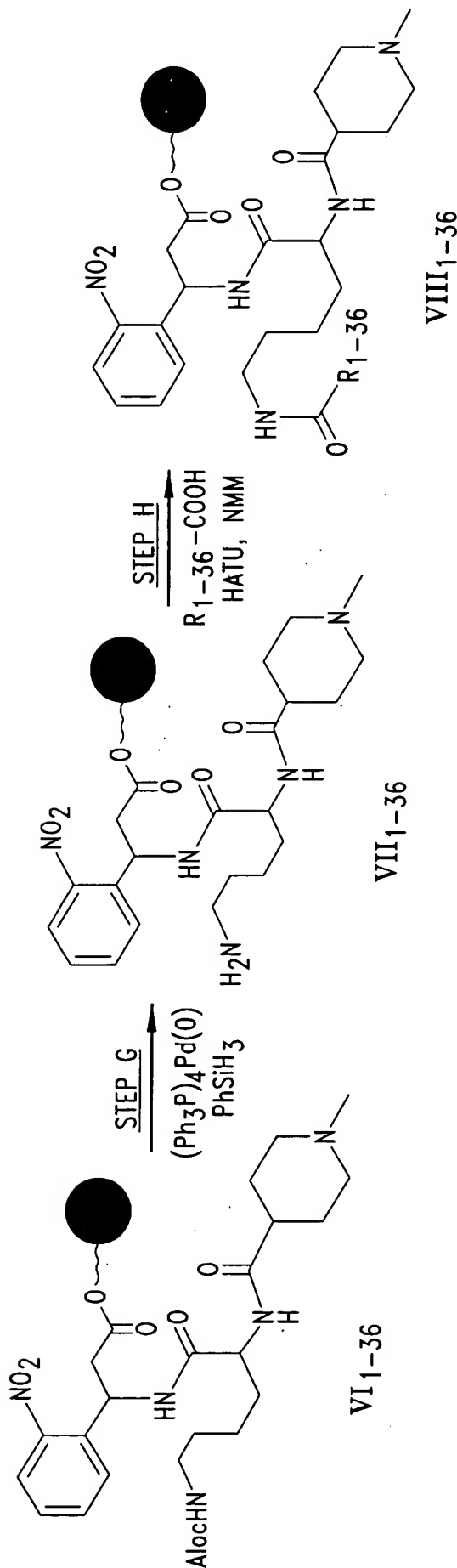
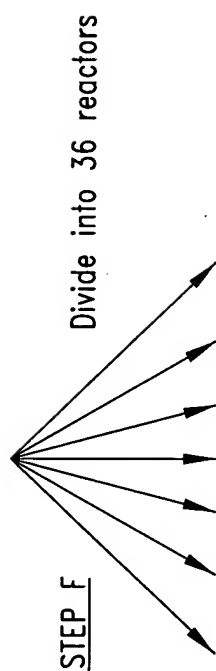


Fig. 5B

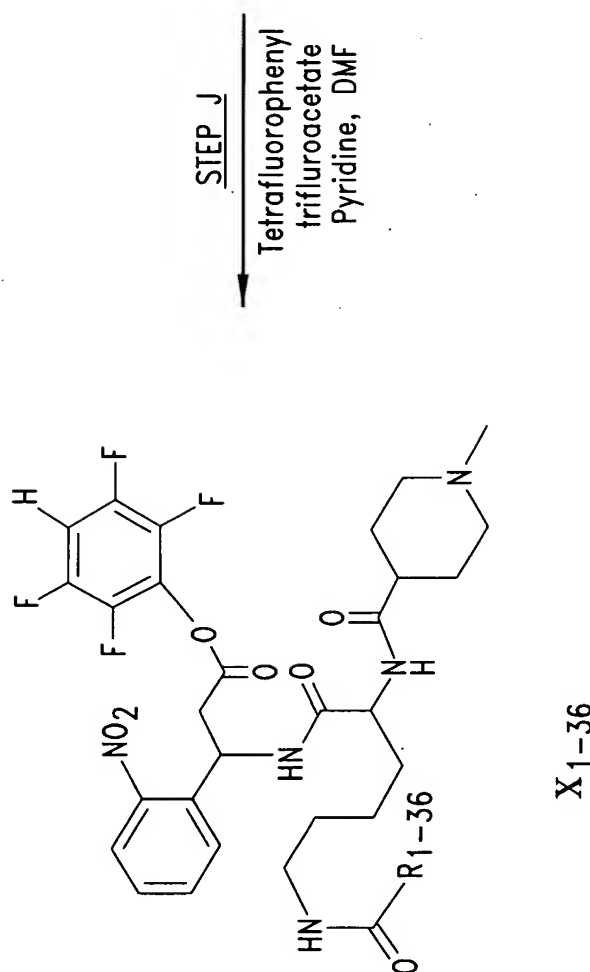
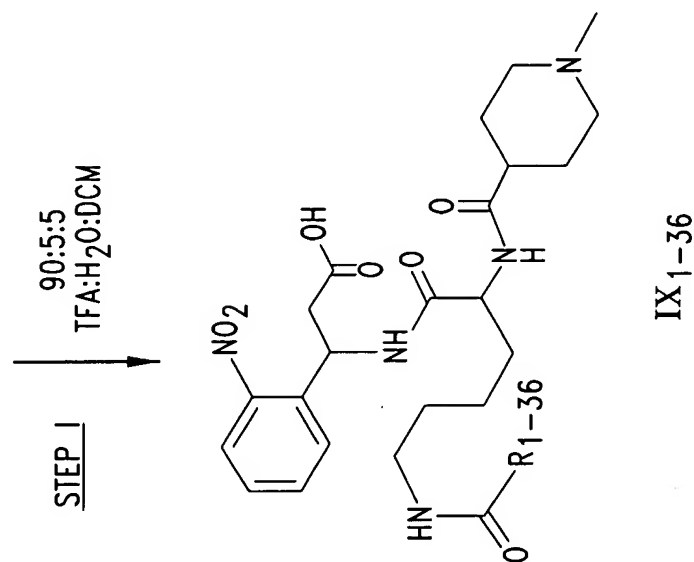


Fig. 5C

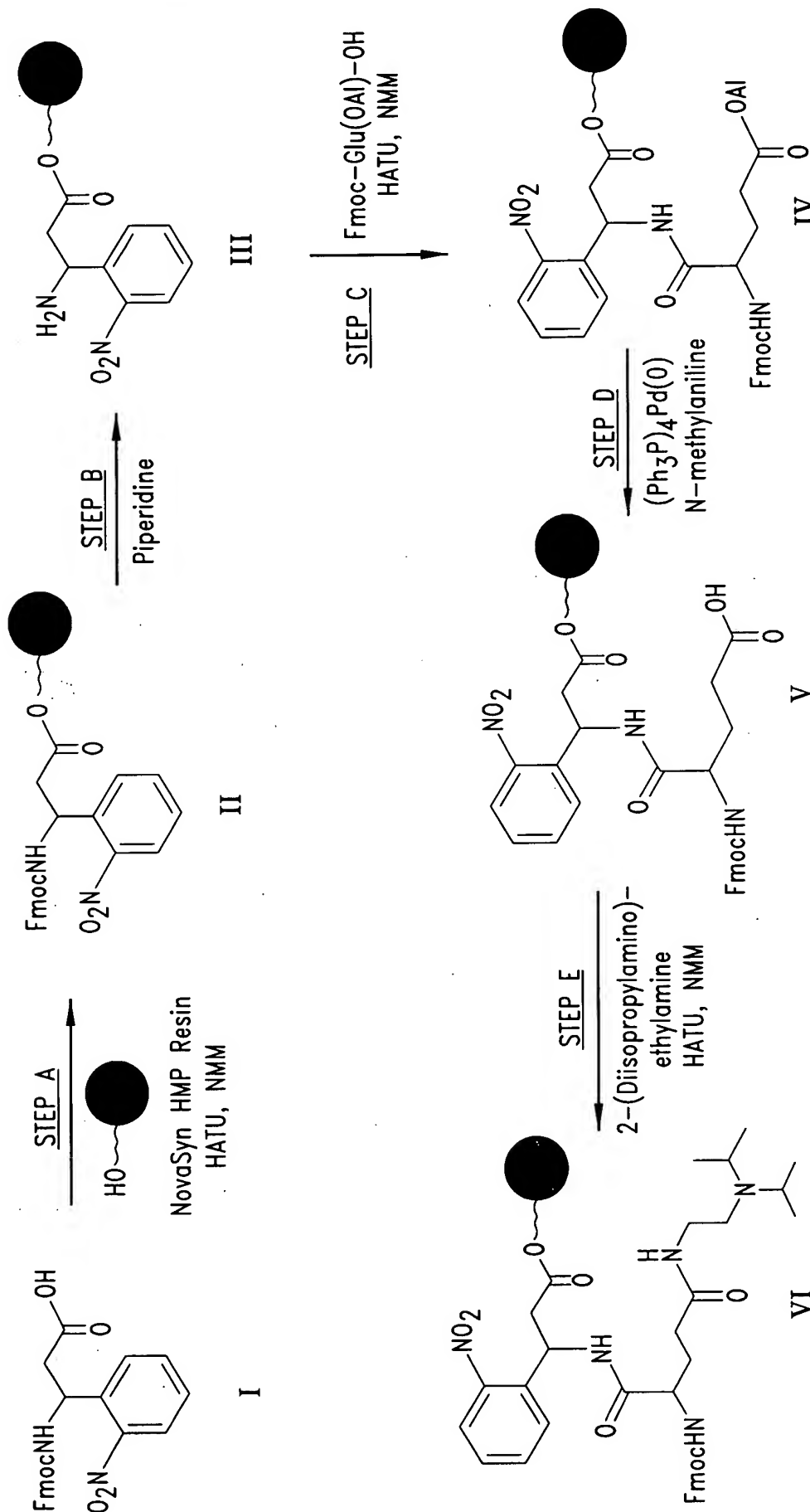
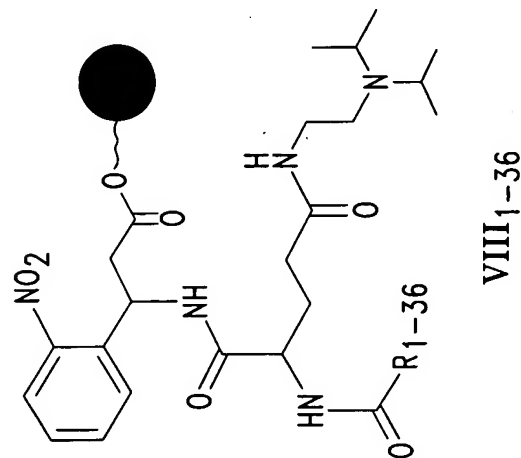
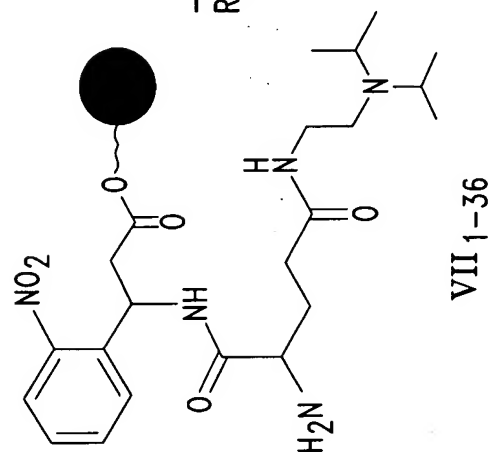
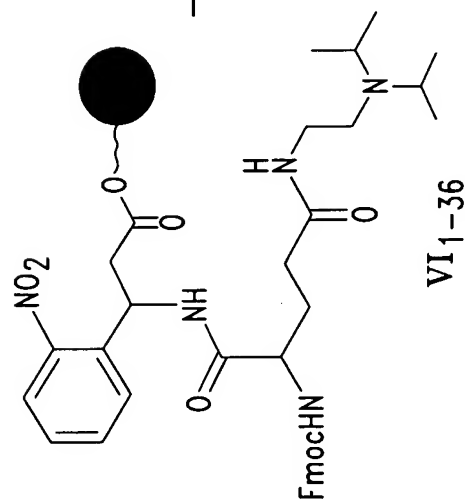
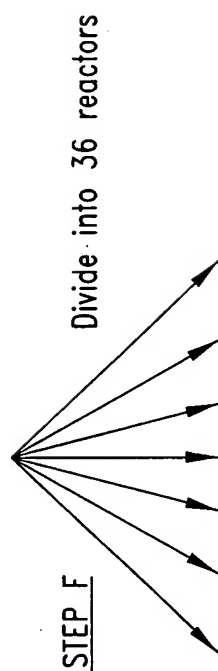


Fig. 6A





STEP G  
Piperidine

STEP H  
R 1-36-COOH  
HATU, NMM

Fig. 6B

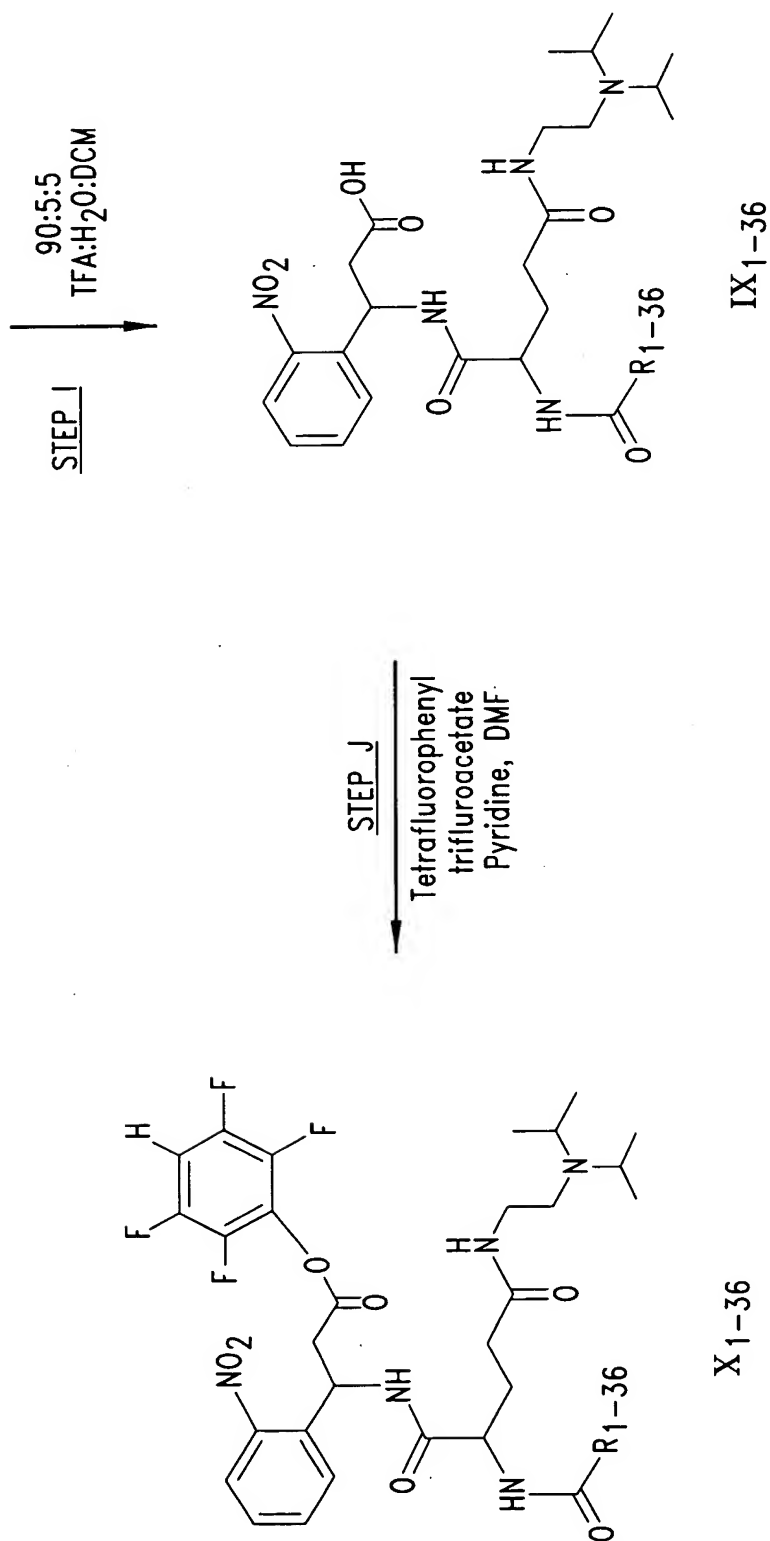


Fig. 6C

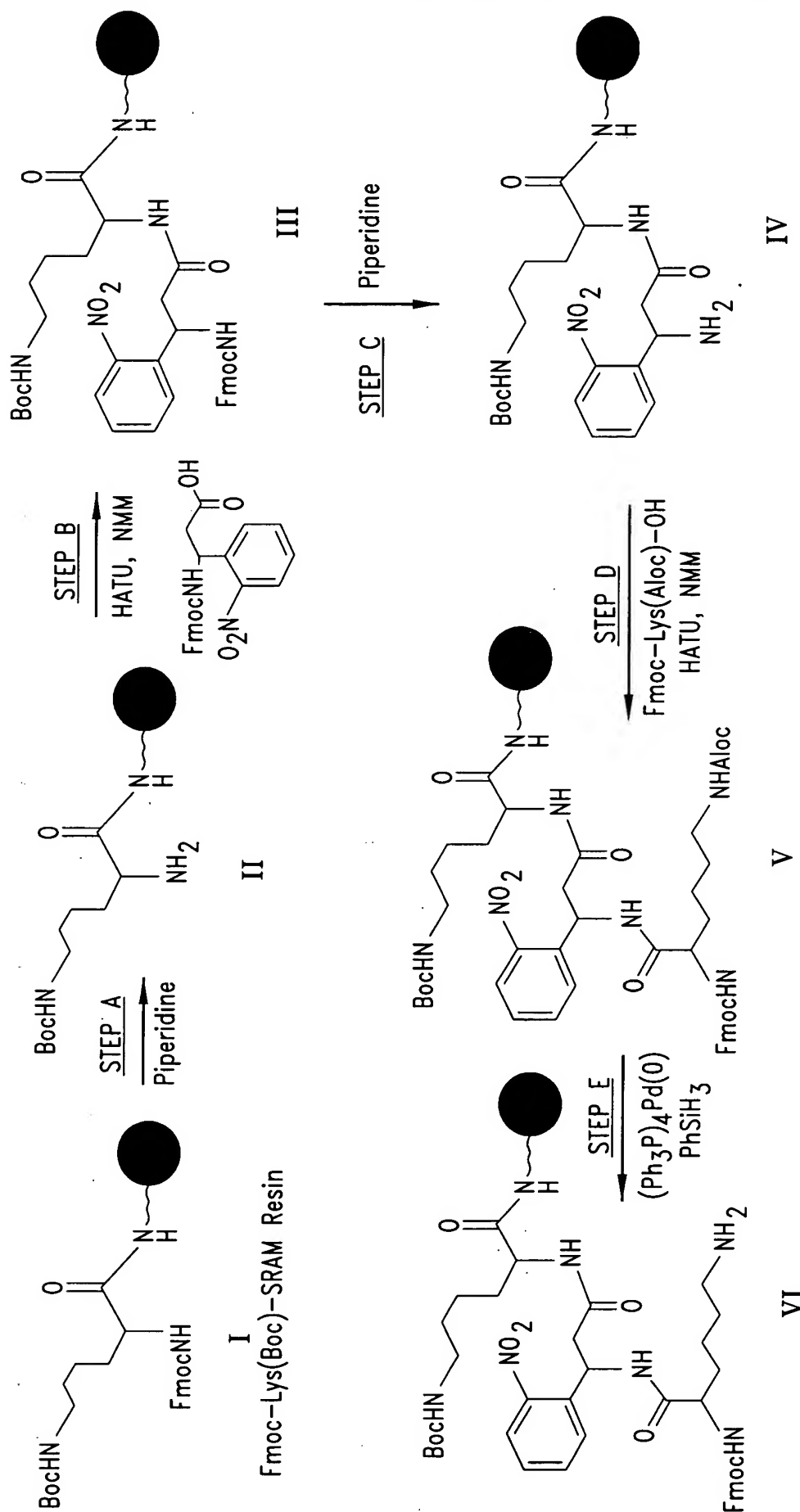


Fig. 7A



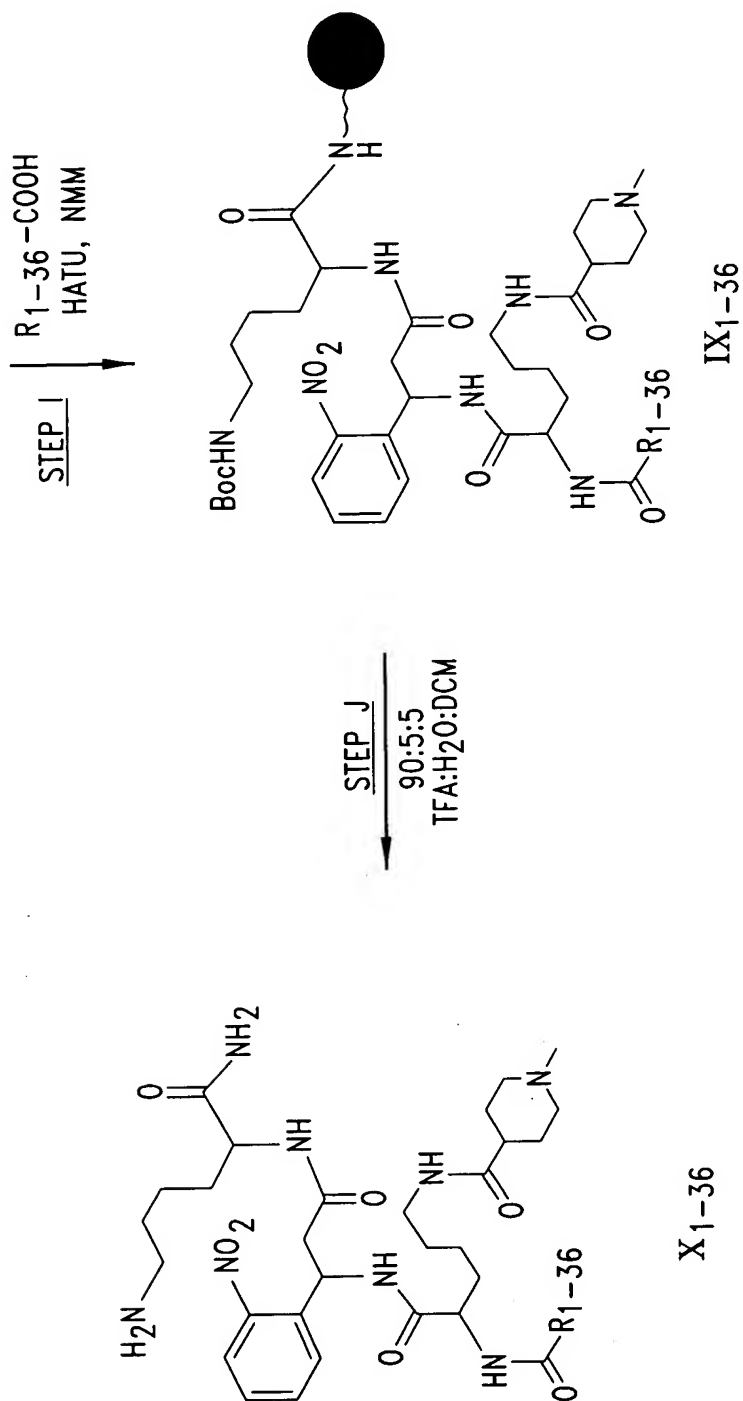


Fig. 7C

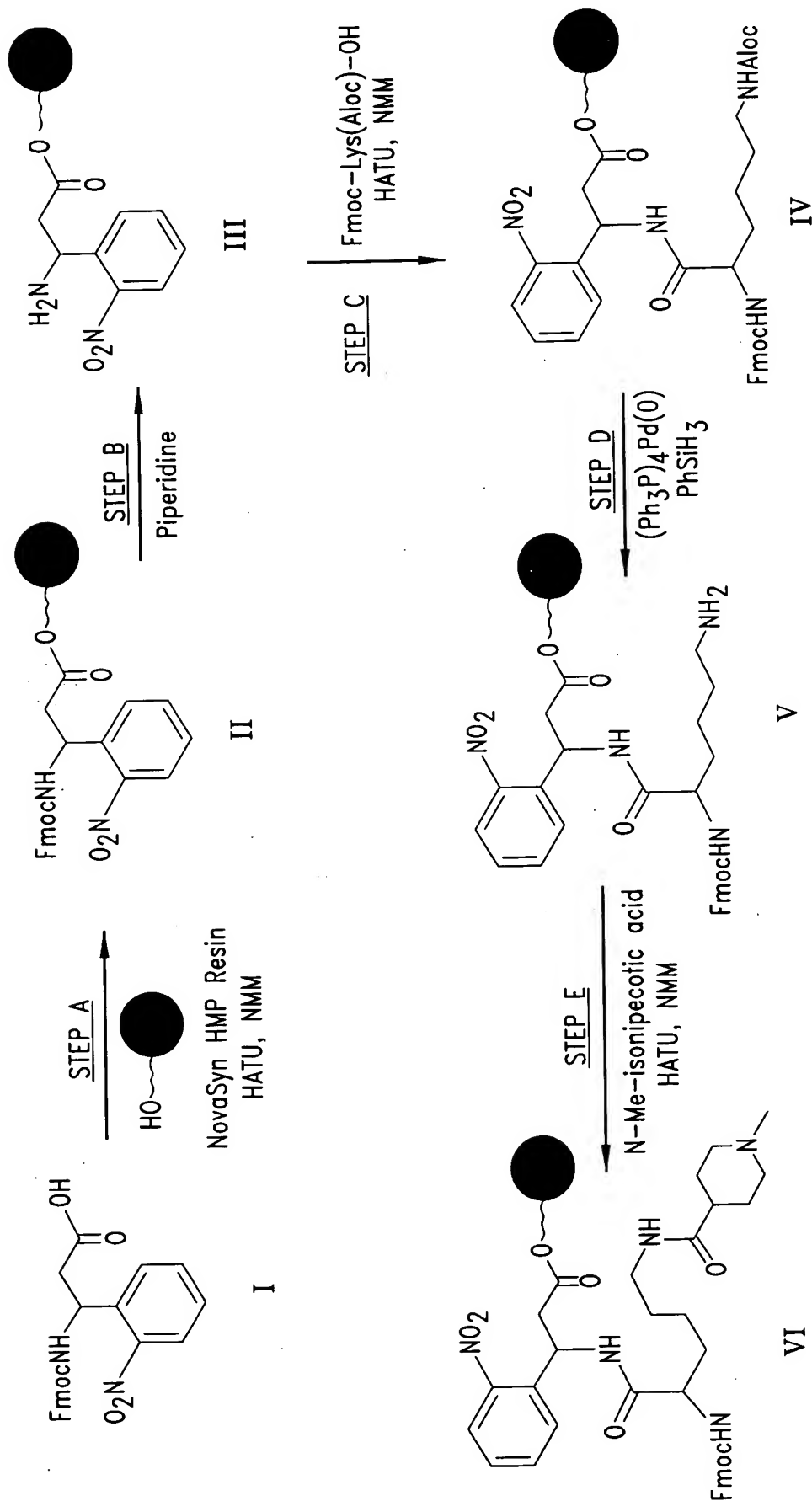


Fig. 8A

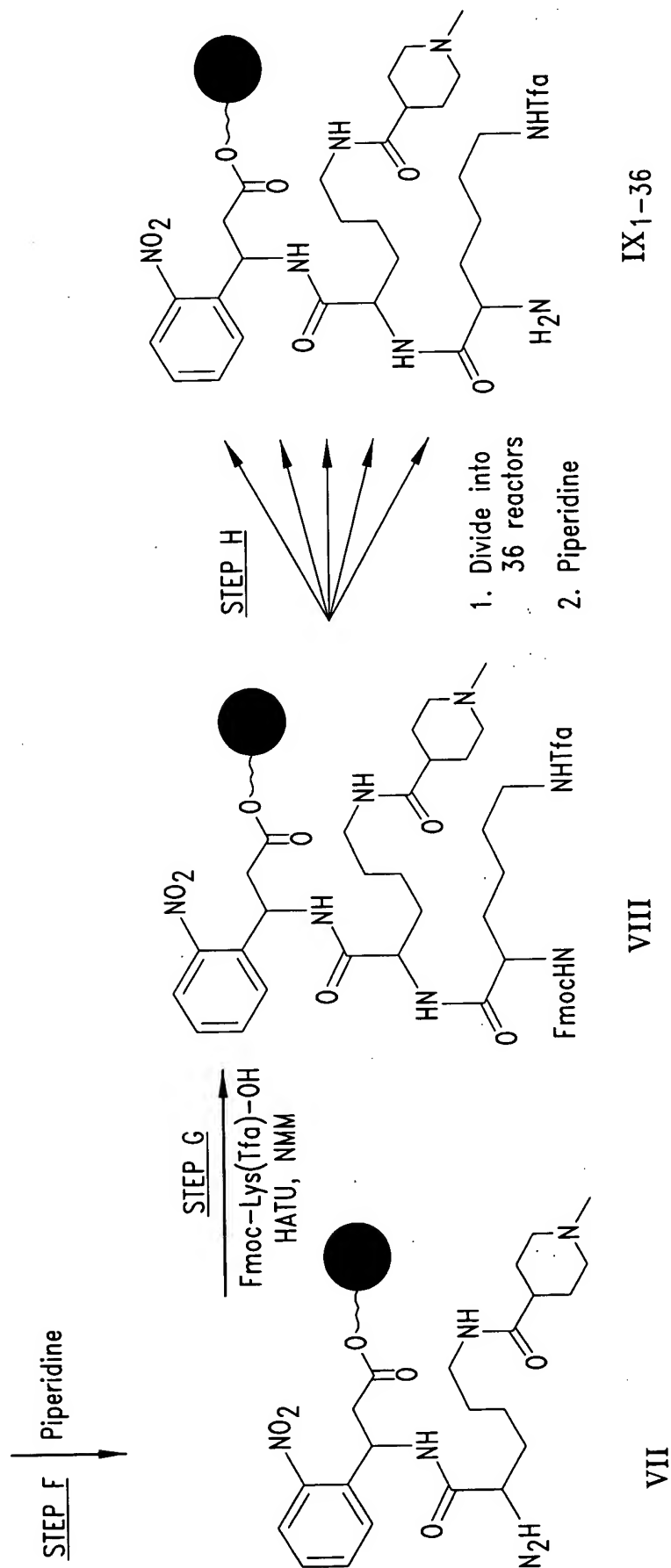


Fig. 8B

Title: METHODS AND COMPOSITIONS FOR ENHANCING SENSITIVITY IN THE ANALYSIS OF BIOLOGICAL-BASED ASSAYS

Inventor(s): Jeffrey Van Ness et al.

Serial No. 10/000,467

Express Mail No. EV020613648US

Docket No. 780068.418C3

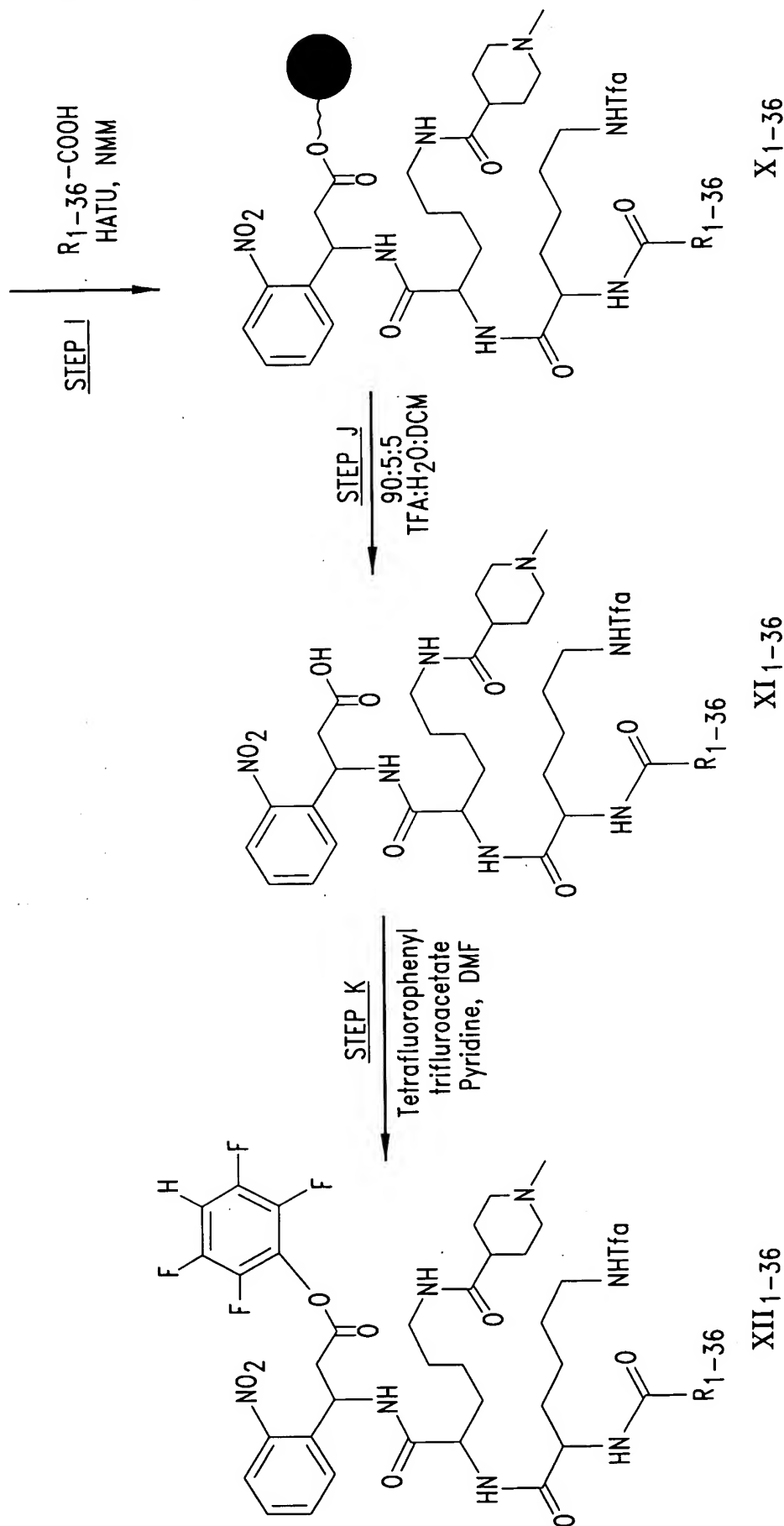


Fig. 8C



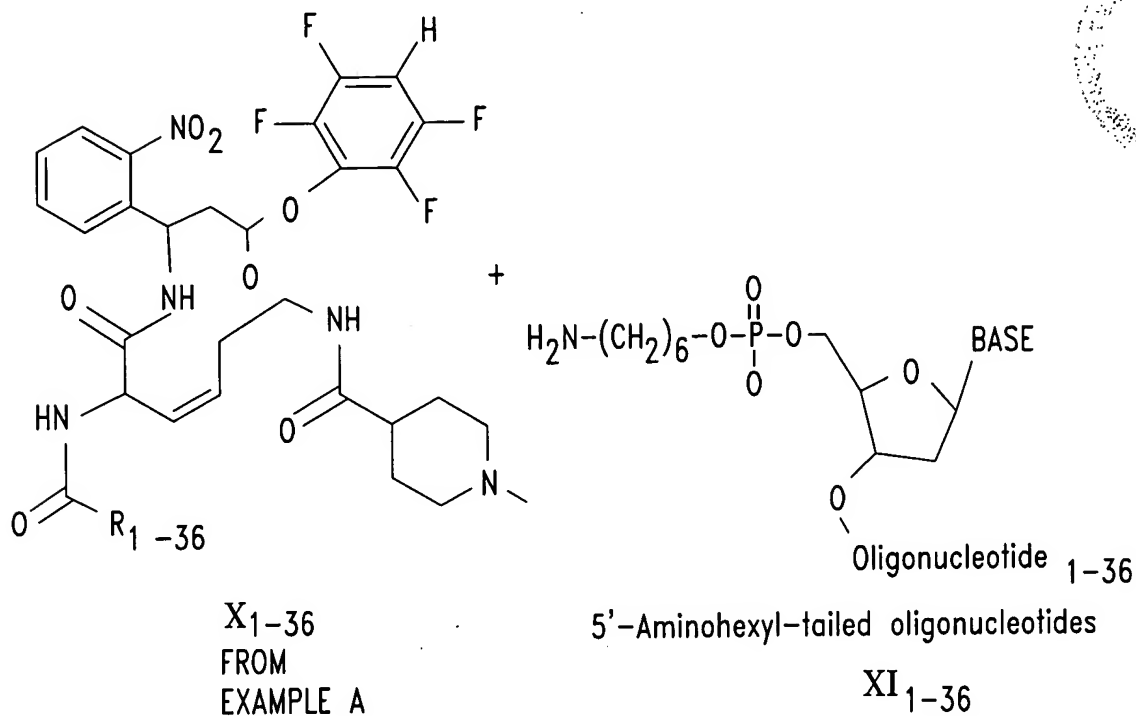
Title: METHODS AND COMPOSITIONS FOR ENHANCING SENSITIVITY IN THE ANALYSIS OF BIOLOGICAL-BASED ASSAYS

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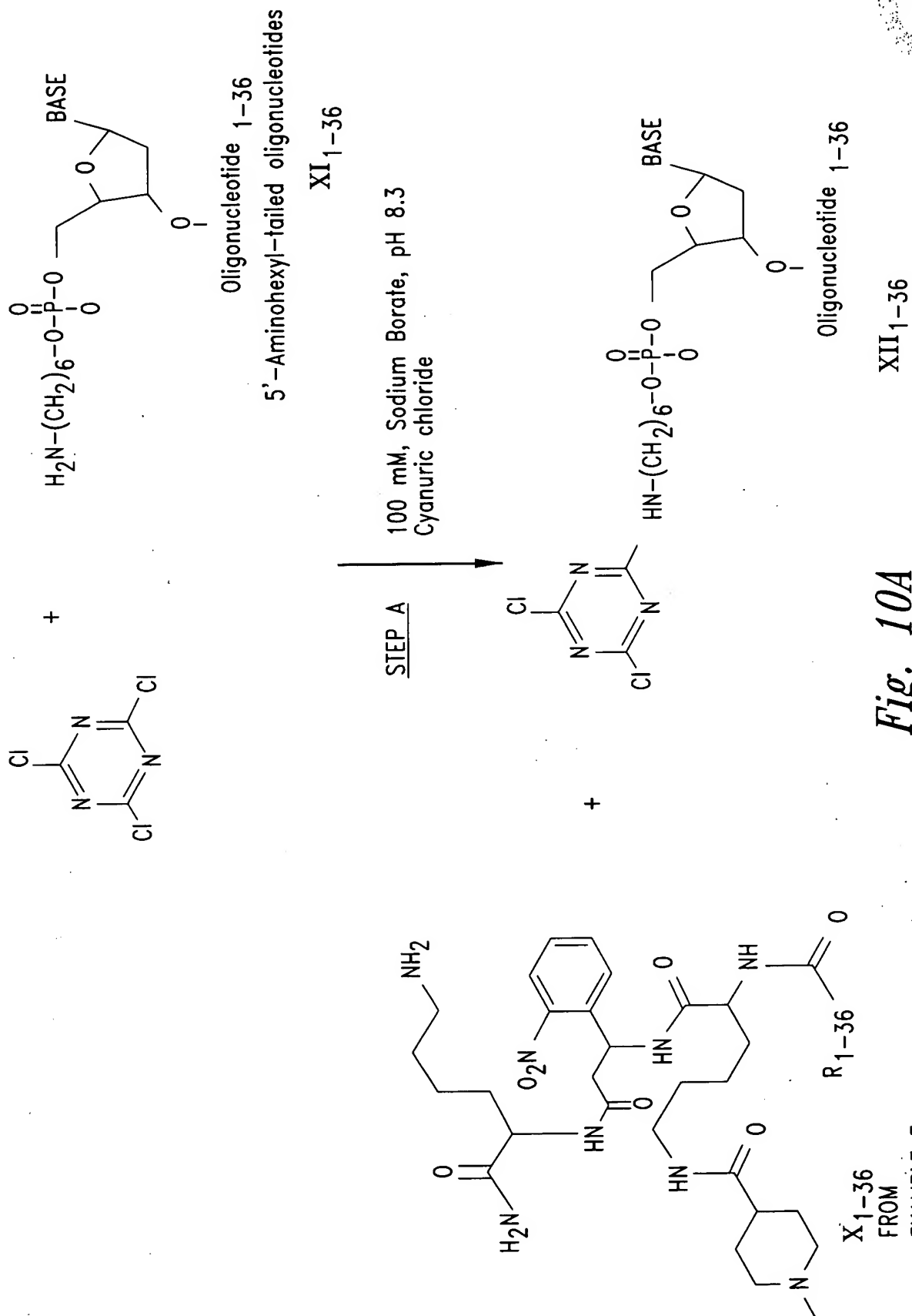
Serial No. 10/000,467

Express Mail No. EV020613648US

Docket No. 780068.418C3



*Fig. 9*



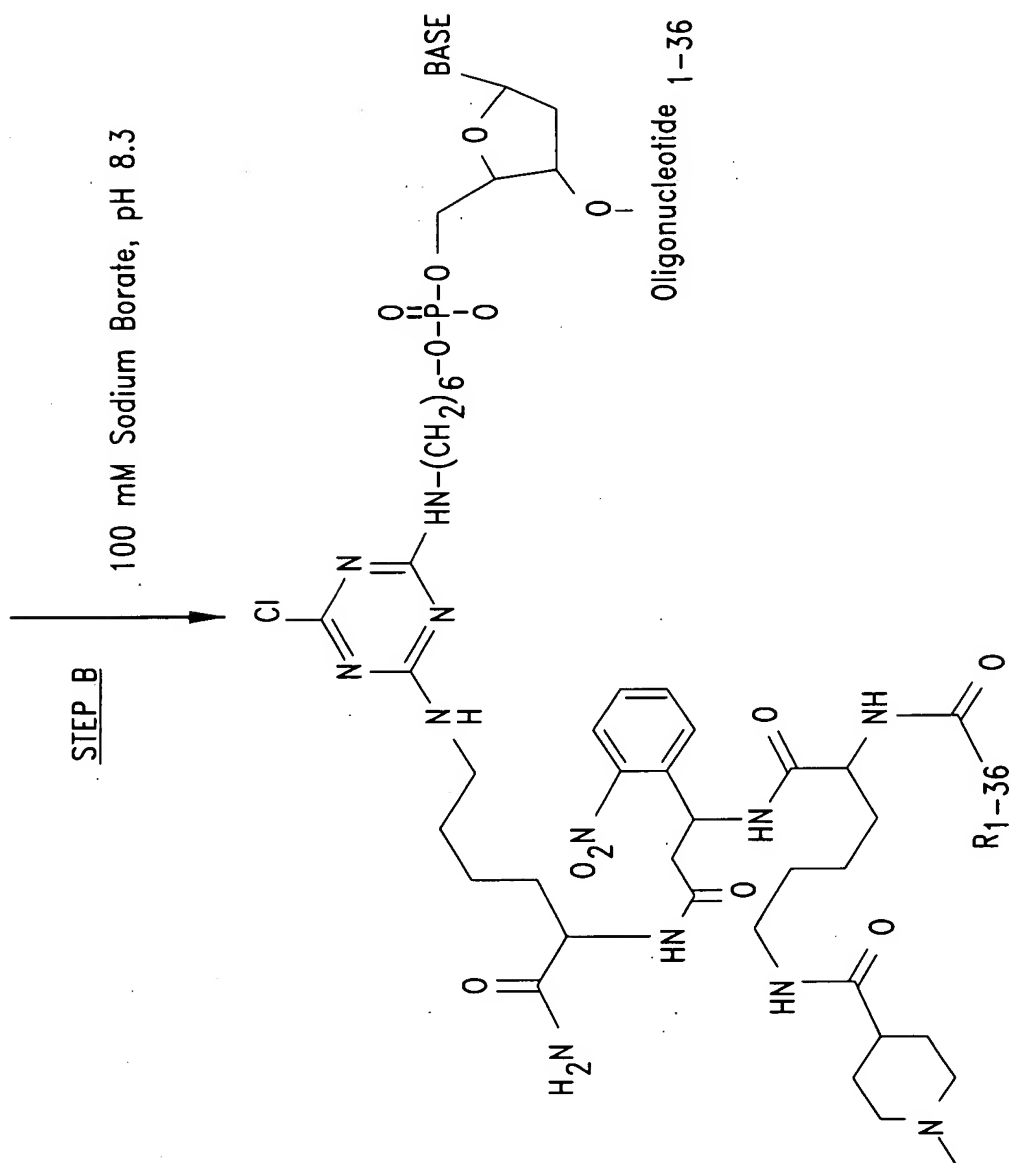
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Docket No. 780068.418C3



XIII 1-36

Fig. 10B

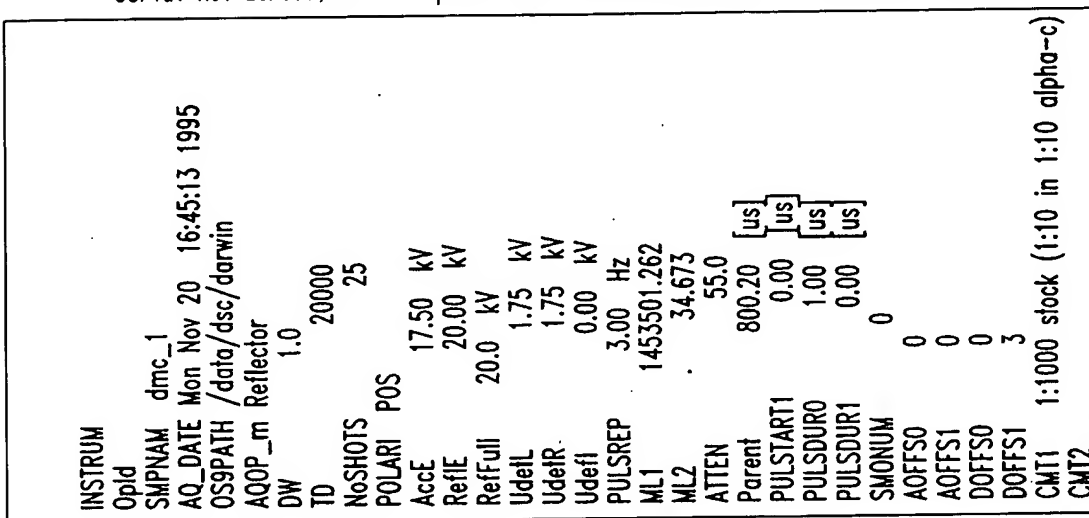
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Express Mail No. EV020613648US

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Sample: DMC-1  
1:10,000 dilution; reflector mode  
very high laser power

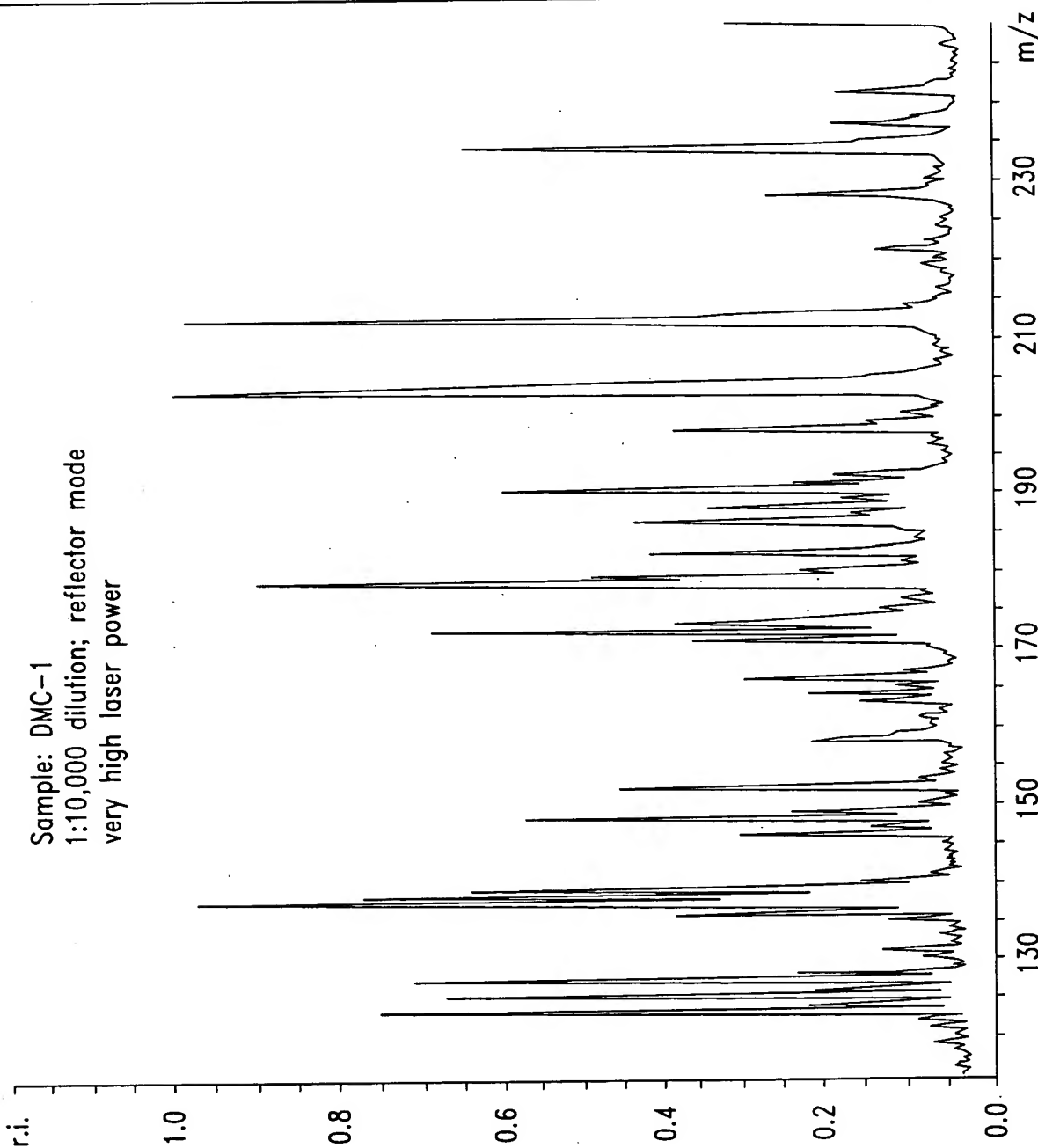


Fig. 11

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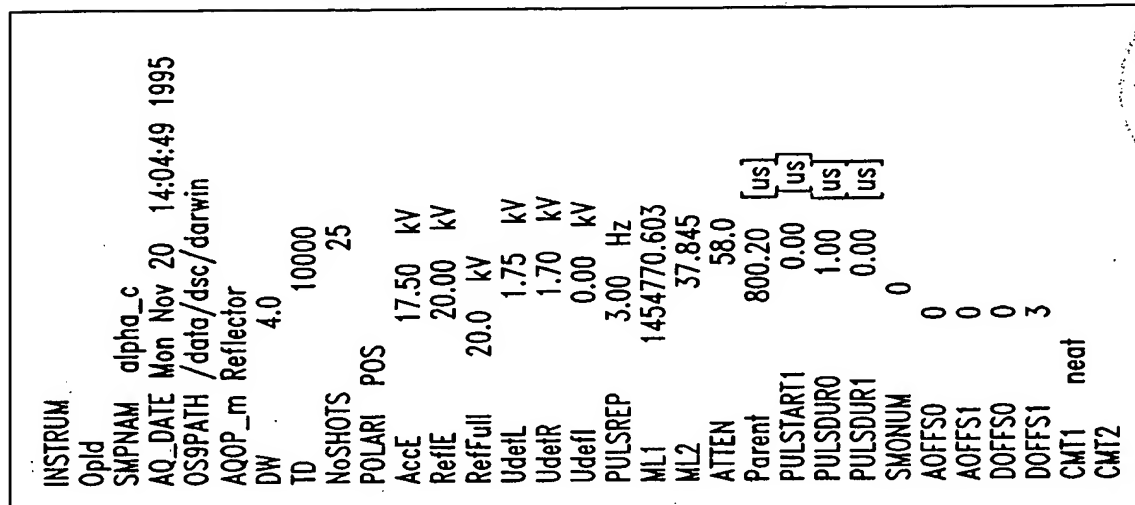


Fig. 12

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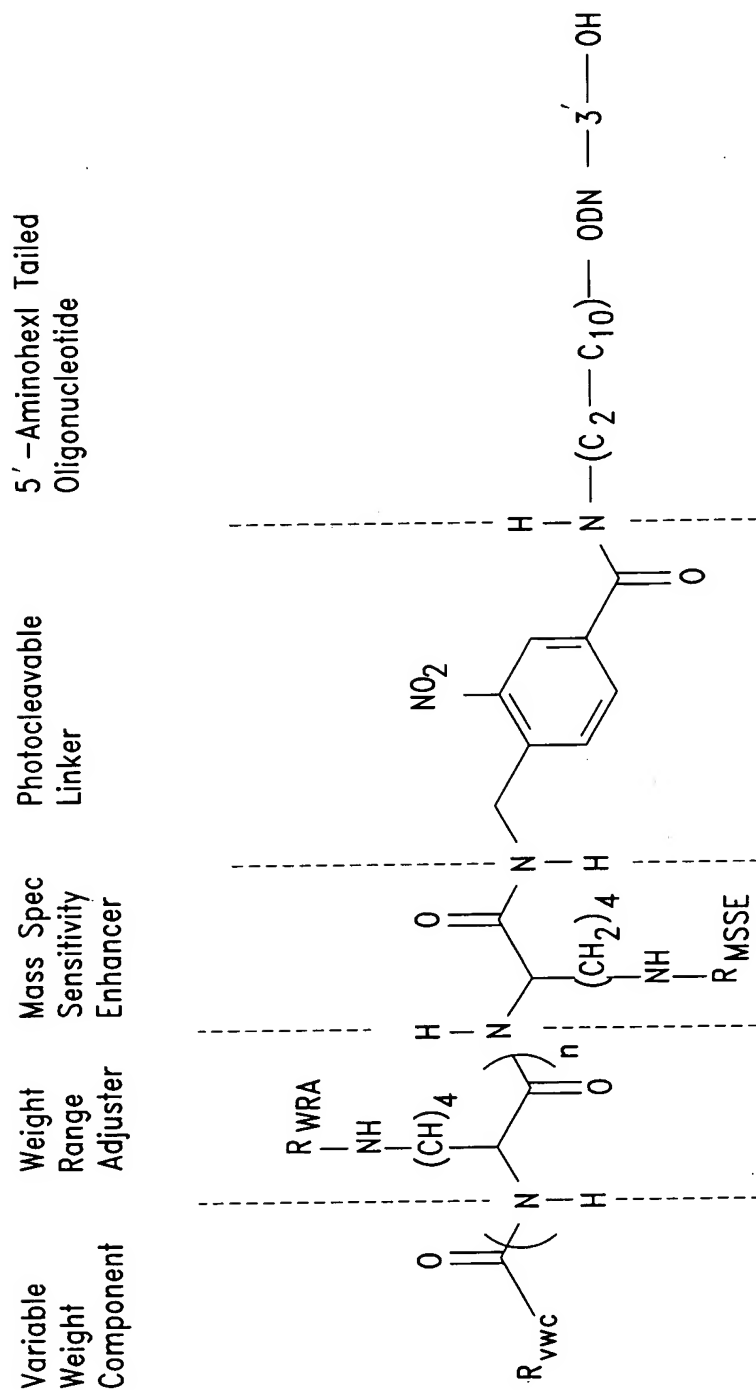


Fig. 13

# Array Interrogation Using MALDI Mass Spectrometry

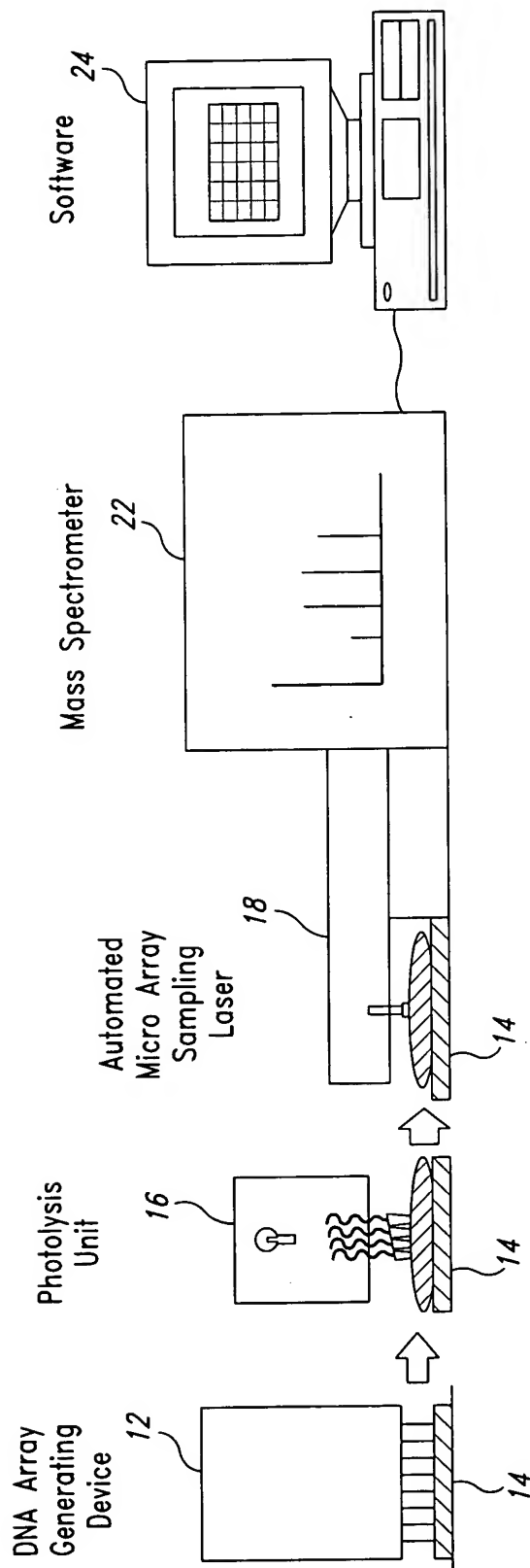


Fig. 14

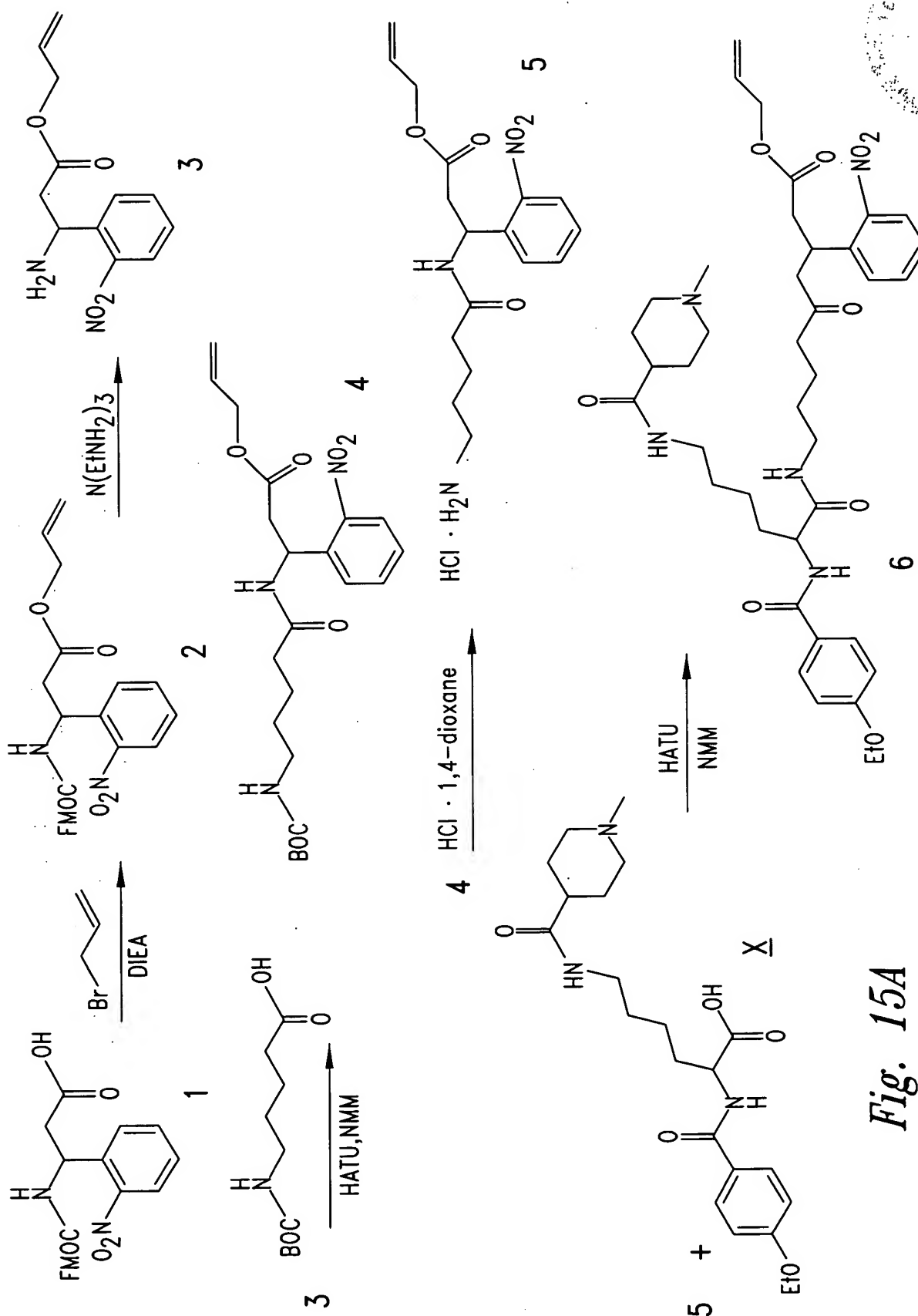
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**Fig. 15A**



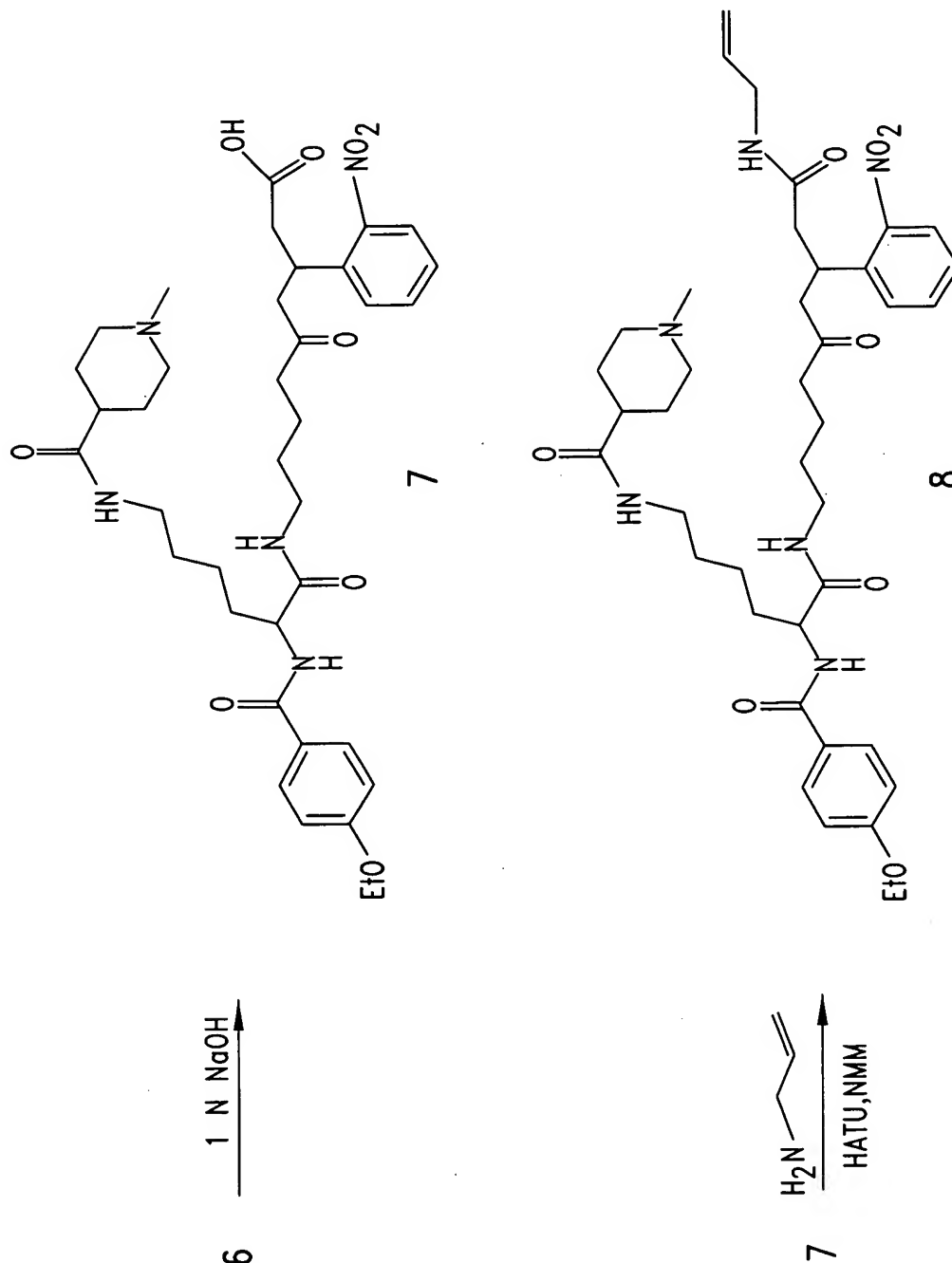
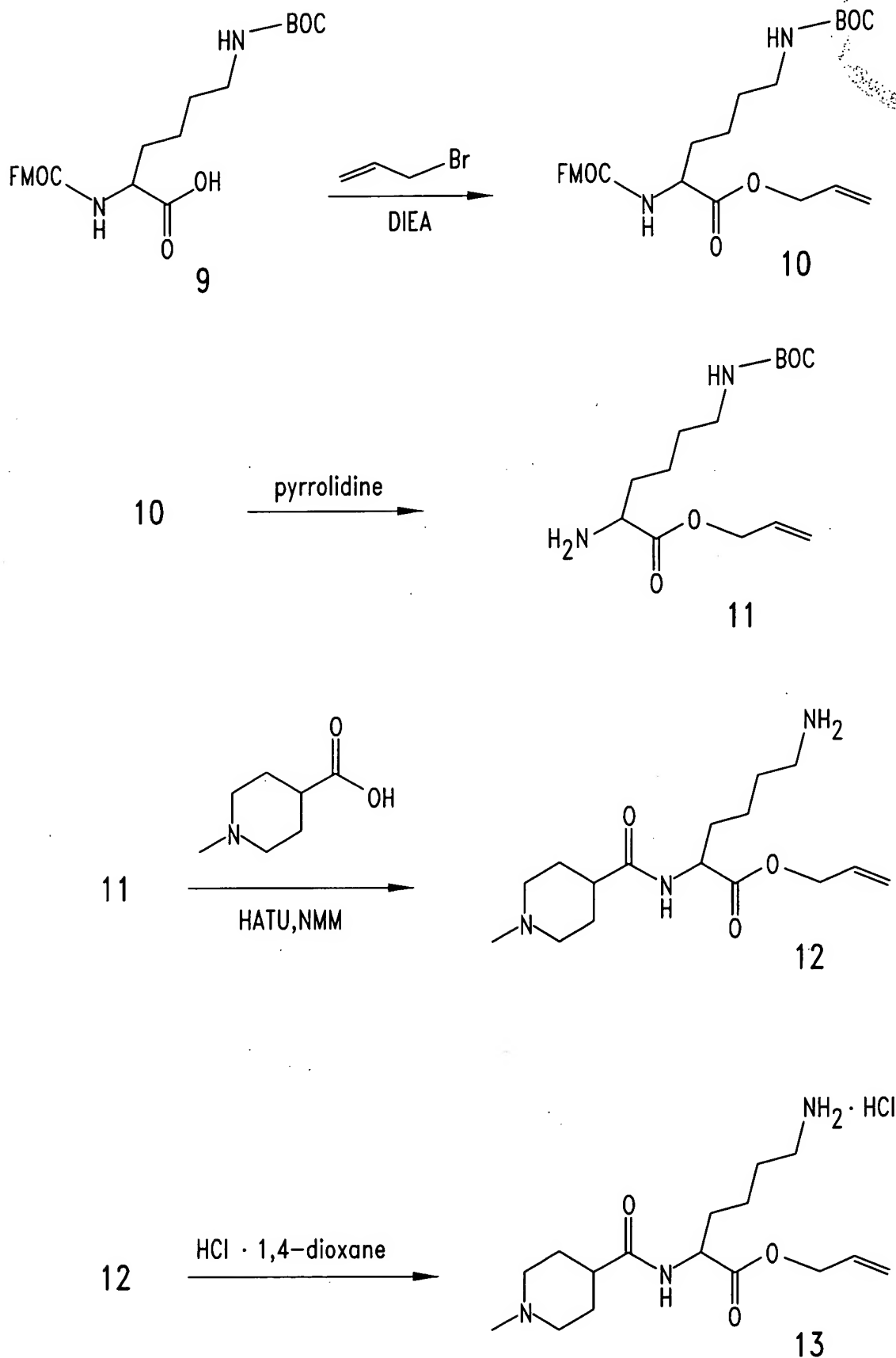


Fig. 15B



*Fig. 16A*

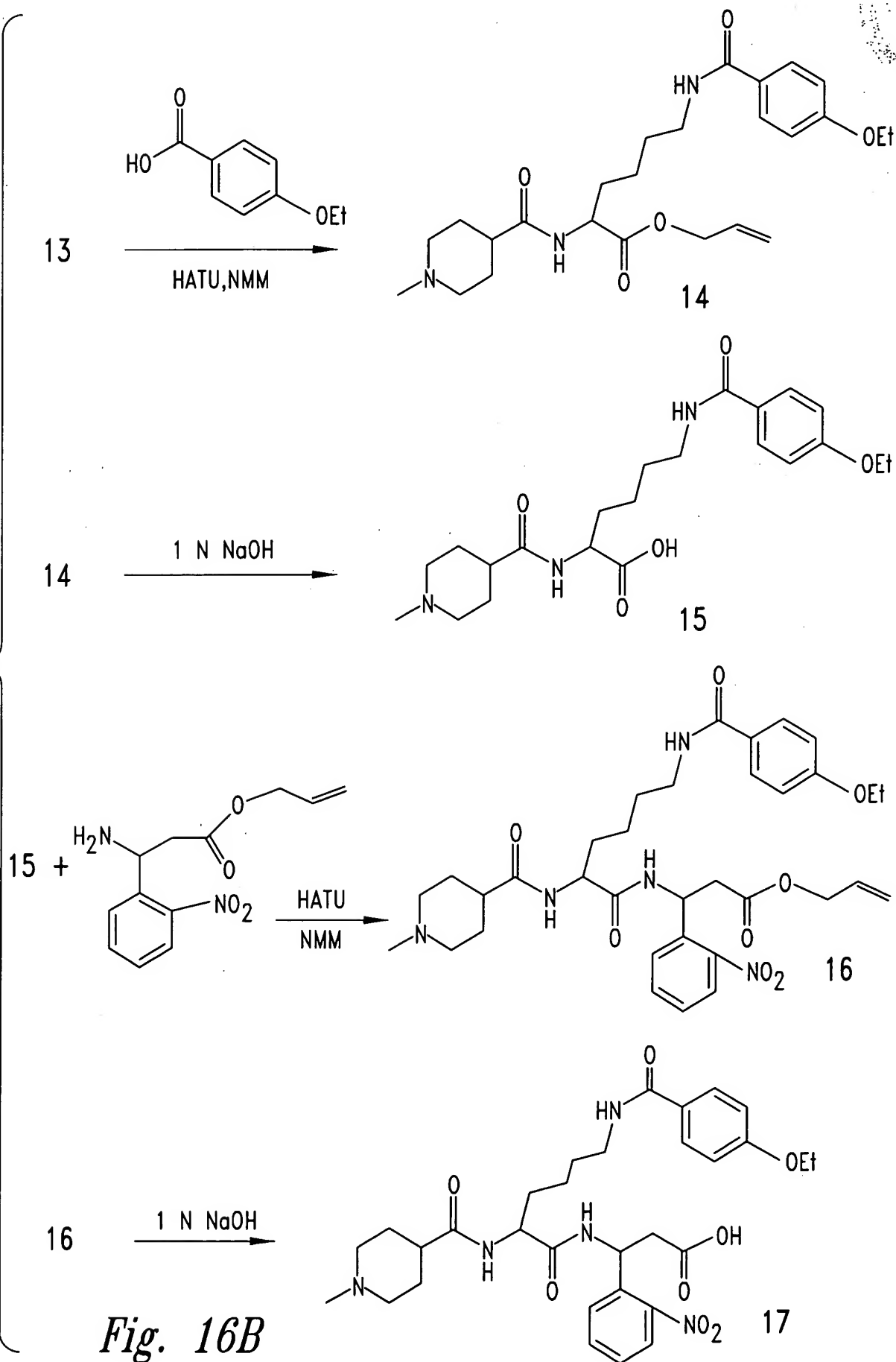


Fig. 16B

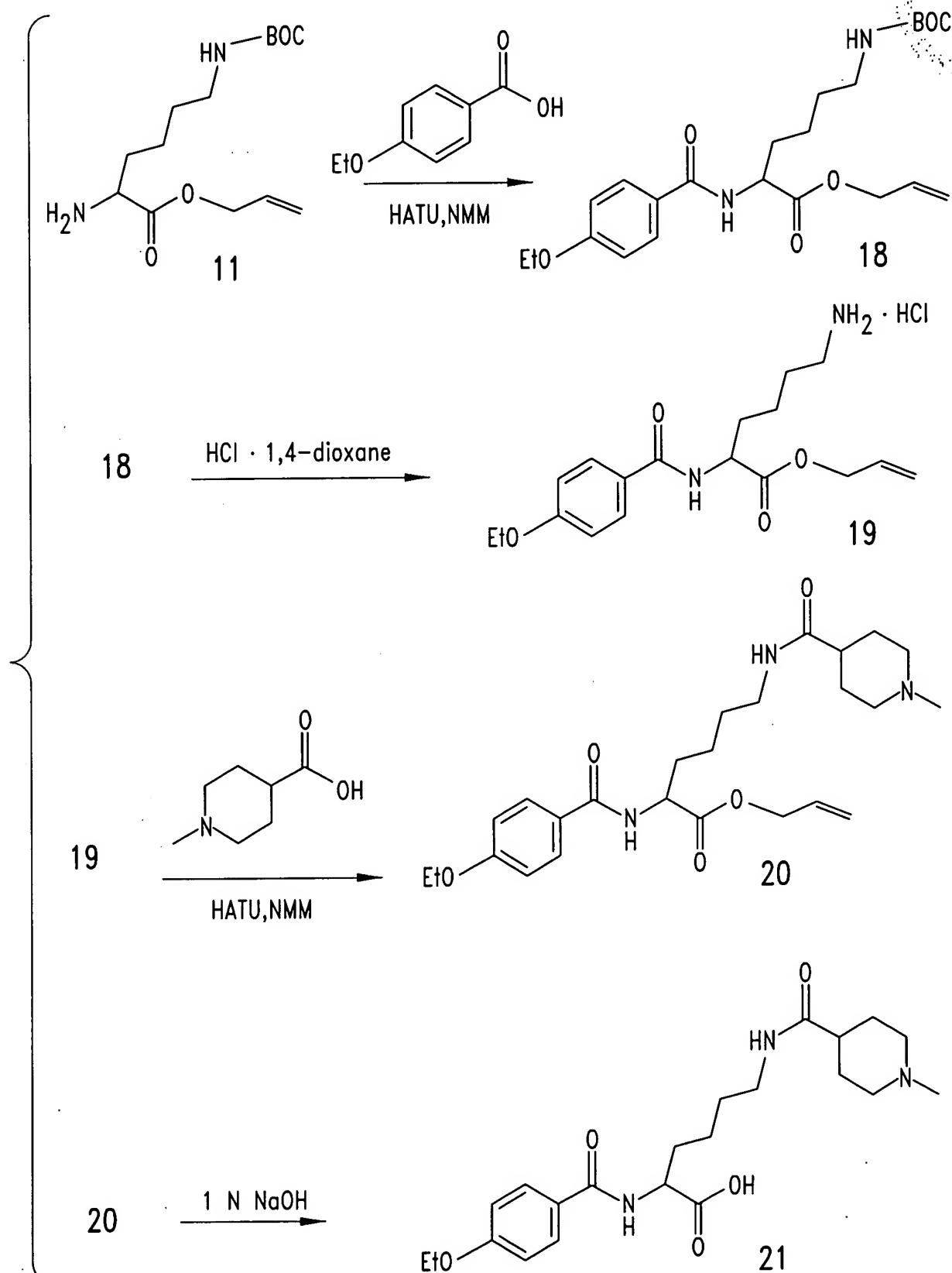


Fig. 17